March 27, 2024

Ms. Rachael Tabelski
City Manager
City of Batavia
One Batavia City Centre
Batavia, New York 14020
rtabelski@batavianewyork.com

Re: **Revised Phase II Environmental Investigation Report**
26 and 60 Evans Street
NYSDEC Spill No. 2305161
Batavia, New York 14020

Dear Ms. Tabelski:

Roux Environmental Engineering and Geology, D.P.C (Roux) has prepared this letter report for the City of Batavia to summarize the finding of the Phase II Environmental Investigation (Phase II) completed at 26 and 60 Evans Street, Batavia, New York 14020 (Site, see Figure 1). The Site is approximately ±6.87-acres in size and consists of two (2) legal parcels (see Figure 2).

BACKGROUND

A previously completed ESA[1] at the Site identified the following RECs.

- The Site was used for various manufacturing and industrial operations from at least 1919 to 1980. Occupants included Batavia Steel Products Corporation, Daehler Die Casting Co., Adria Motor Car Corporation, and Gray Machine & Parts Corporation.

- 60 Evans Street was identified as a New York State Department of Environmental Conservations (NYSDEC) Superfund Site (Site No. 819016). However, the ESA indicated that no information was available from NYSDEC or other informational sources regarding the listing.

- Environmental investigations and remedial activities were completed at a portion of the Site (26 Evans) between 1990 and 1992. This work was completed under NYSDEC Spill No. 9109575 which was closed in April 1995. Remedial work included removal of one, 500-gallon underground storage tank (UST), two 10,000-gallon USTs, two hydraulic lifts, off-site disposal of lead impacted soil and bio-remediation of 1,700 cubic yards of petroleum impacted soil.

  Although NYSDEC closed the Spill, soil analysis for the post excavation sampling from the remedial work was completed using Toxicity Characteristic Leaching Procedure (TCLP) methods which is primarily used to determine if soils exhibit hazardous characteristic. These results cannot be

[1] "Phase I Environmental Site Assessment, Creek Area – Evans Street, Batavia, New York". Prepared by LaBella Associates, DPC. June 2014.

compared to the current NYSDEC SCOs based on that methodology and therefore, exceedances may exist.

- Fill materials are present at the Site consisting of cinders, ash, glass, brick, etc. to depths up to 7 feet below ground surface. The fill material would warrant further investigation as the characteristics of the fill cannot be determined from the previous work at the Site.

- Chlorinated volatile organic compounds (cVOCs) were detected in a 1992 groundwater sample collected from 26 Evans at concentrations exceeding NYSDEC criteria. The source of the contamination is unknown. The detection of cVOCs in the groundwater could represent a potential soil vapor intrusion concern.

- Three (3) fuel oil tanks were noted in a Sanborn Map on the western portion of 26 Evans Street in at least 1948. The status of these tanks is unknown.

- A suspect vent pipe was observed along the south Site boundary in the wooded portion of 60 Evans Street. The purpose of the pipe is unknown.

Labella concluded that further investigation appeared warranted.

Roux agreed that the RECs identified at the Site indicate that there is a potential for contamination to be present and should be investigated. Additionally, to determine if the Site is eligible for the NY Brownfield Cleanup Program (BCP), evidence of soil impacts that exceeds the current published SCOs for the intended end use (restricted residential) of the Site must be present. The results of the Phase II completed are discussed below.

PHASE II ENVIRONMENTAL INVESTIGATON

The Phase II investigation consisted of 12 test pits and 13 soil borings at the Site (see Figure 2). Test pits were designated TP-1 through TP-12 and advanced to depths ranging from approximately 6 to 11.5 feet below ground surface (fbgs). Soil borings were designated SB-1 through SB-13 and advanced to approximately 12 fbgs.

The soil/fill retrieved from the test pits and soil borings allowed for field characterization of the subsurface lithology and collection of soil/fill and groundwater samples by Roux's environmental scientist. The physical characteristics of the investigation locations were classified and assessed for visual and olfactory evidence of impacts. Soils from each investigation location were field screened using a MiniRae 3000 photoionization detector (PID) for total volatile organics. Field observations, including lithology, depths, PID scan results, etc., at the test pit and soil boring locations are summarized on the logs in Attachment 1.

Test Pits TP-1, -2, -3, -8 and -9 and, soil borings SB-11 through SB-13 were completed on ±3.52-acre 60 Evans Street parcel and test pits TP-4, -5, -6, -7, -10, -11, and -12, and soil borings SB-1 through SB-10 were completed on the ±3.35-acre 26 Evans Street parcel. The competent asphalt parking lot area of 26 Evans is the parking lot for the adjacent ice rink and was avoided as to not damage the asphalt surface. At the completion of the test pits and soil borings after collection of the representative samples, the test pits and soil borings were backfilled with the soil spoils generally in the order in which they were removed from the respective locations, which the exception of SB-1, -2, -3, -8 and -10 where 1-inch microwells were installed and remain in place.

Thirteen (13) subsurface soil/fill samples and four (4) groundwater samples were selected for laboratory analysis and were transported under chain-of custody command to the laboratory (see Table 1). Alpha Analytical in Westborough, MA was used for the test pit soil and groundwater sample analysis collected

in September 2023 and Eurofins in Buffalo, NY was used for the soil boring soil and groundwater sample analysis collected in February 2024. Sample analysis included Target Compound List (TCL) volatile organic compounds (VOCs) via EPA Method 8260, Commissioner's Policy 51 (CP-51) list semi-volatile organic compounds (SVOCs) via EPA Method 8270, Resource Conservation and Recovery Act (RCRA) 8 metals via EPA Method 6010/7471, and polychlorinated biphenyls (PCBs) vis EPA Method 8082. Samples were collected in laboratory-provided sample bottles, placed on ice in the field, and transported to the laboratory for analysis.

PHASE II INVESTIGATION FINDINGS

Site Geology/Hydrogeology

The subsurface geology observed during the Phase II investigation is generally described as soil/fill materials overlying sandy clay (see Logs in Attachment 1). The fill material consisted of various amounts of black fines, ash, cinders, brick, concrete, metal, and glass generally ranging in depth from 2.5 to 6 fbgs.

Groundwater was encountered at depths ranging in depth from 5 to 10 fbgs. A formal groundwater flow survey was not completed. Tonawanda Creek is adjacent the Site to the west and has a northwesterly flow in this area of Batavia, and likely has some influence on groundwater. However, local groundwater flow can be influenced by subsurface features, such as excavations, utilities, and localized fill-conditions.

Field Observations

Soil/fill samples collected from the test pit and soil borings were observed and field screened for total volatile organics using a PID. PID readings above background (0 parts per million (ppm)) discolored soils, and/or petroleum odors were noted at TP-6, TP-10, TP-12, SB-1, SB-2, SB-3, SB-5, SB-6, SB-8, SB-9, and SB-10. Sheen was observed on the water at TP-6, TP-10, SB-1, SB-2, SB-3, SB-6, SB-8, SB-9, and SB-10, and product globules were observed on the water within entering test pits TP-6 (9 fbgs), TP-10 (6 fbgs), and within bailers at SB-1 and SB-3 (see attached photographs in Attachment 2. A heavy sheen was also observed coming up out of the ground at the completion of SB-2 (see photographs in Attachment 2).

Based on the field evidence, the New York State Department of Environmental Conservation (NYSDEC) was notified and NYSDEC Spill No. 2305161 was assigned to the Site.

The fill material at the Site contains black fines, cinders, ash, brick, concrete, and/or glass. These man-made constituents would be considered solid waste under 6NYCRR Part 360 regulations and handled in accordance with the regulations if disturbed and cannot be reused on-site.

Analytical Results

Table 1 is a summary of the soil/fill and groundwater samples submitted to the laboratory and the analyses completed. Copies of the laboratory analytical data reports are included in Attachment 3.

Subsurface Soil/Fill Analytical Results

Table 2 presents a summary of the analytical results of the 13 soil/fill samples that were analyzed from the Site. For comparative purposes, Table 2 includes the NYSDEC Commissioners Policy 51 (CP-51) Soil Cleanup Levels (SCLs), Restricted Residential Soil Cleanup Objectives, Commercial Soil Cleanup Objectives (CSCOs) and Industrial Soil Cleanup Objectives (ISCOs). The CP-51 SCLs are applicable due to the petroleum identified, the RRSCOs are applicable as the proposed reuse of the parcels by the

City of Batavia is multi-family residential, and the CSCOs are applicable based on the current zoning of the parcels.

The Part 375 SCOs are specific to the intended reuse of a site and are typically employed for comparison at investigation or remediation sites with NYSDEC oversight, such as Brownfield Cleanup Program (BCP) sites.

VOCs were detected above methods detection limits (MDLs) in six (6) of the ten (10) samples analyzed for TCL VOCs; however, no VOCs were detected above their respective CP-51 SCLs or SCOs. Elevated tentatively identified compounds (TICs) were noted above 50 mg/kg at SB-2, 6 to 8 feet where evidence of petroleum impacts were noted on the 26 Evans parcel.

SVOCs, specifically polynuclear aromatic hydrocarbons (PAHs) were detected above MDLs in seven (7) of the ten (10) samples analyzed for CP-51 List SVOCs.

- The Part 375 RRSCO, CSCOs, and/or ISCOs were exceeded in the four (4) fill material samples analyzed from TP-1, 2 to 4 ft; TP-2, 0 to 1 ft; TP-3, 1.6 to 2.5 ft; and SB-13, 0 to 2 ft. These samples were collected from fill/soil on the 60 Evans parcel.
- Elevated TICs were detected at SB-1, 6 to 8 ft (268 mg/kg), SB-8, 9.5 to 11 ft (789 mg/kg), and SB-10, 9 to 11 ft (122 mg/kg). These samples were collected from the 26 Evans parcel. The petroleum impacts encountered are likely remain from previous cleanup of the UST and hydraulic lifts associated with NYSDEC Spill No. 9109575.

Metal analytes were detected above MDLs in the ten (10) samples analyzed for RCRA 8 metals. Arsenic was detected above its ISCO at TP-1, 2 to 4 ft; TP-3, 1.6 to 2.5, SB-16 to 8 ft and SB-13, 0 to 2 ft. Barium was detected above its CSCO at TP-1, 2 to 4 ft and SB-13 0 to 2 ft. Cadmium was detected above its RRSCO at TP-1, 2 to 4 ft and above its ISCO at SB-16 to 8 ft and SB-13 0 to 2 ft. Lead was detected above its RRSCO at TP-3, 1.6 to 2.5 ft and SB-1, 6 to 8 ft, and above its CSCO at TP-1, 2 to 4 ft. Mercury was detected above its RRSCOs at TP-1, 2 to 4; and TP-3, 1.6 to 2.5 ft. Selenium was detected above its RRSCO at TP-1, 2 to 4 ft and SB-13 0 to 2 ft. Metal impacts were present on both 26 and 60 Evans parcels.

PCBs were not detected above MDLs in the two (2) samples analyzed for PCBs.

Groundwater Analytical Results
The groundwater sample results from the four (4) groundwater samples collected from the Site are summarized on Table 3 with comparison to Class GA Groundwater Quality Standards (GWQS) per NYSDEC Technical and Operational Guidance Series (TOGS 1.1.1).

VOCs were detected above MDLs at TP-6W and TP-10W but below their respective GWQS in TP-6W and TP-10W. VOCs were non-detect at SB-1W and SB-3W but TICs were detected at concentrations of 1,730 micrograms per liter (ug/l) and 1,900 ug/l, respectively, which is where evidence of petroleum impacts were noted on the 26 Evans parcel.

PAHs were detected above MDLs in three (3) of the four (4) samples and four (4) PAHs were detected above their respective GWQS at TP-6W and two (2) PAHs were detected above their respective GWQS at TP-10W. TICs detected at SB-1W and SB-3W were 3,091 ug/l and 817 ug/l, respectively, which is where evidence of petroleum impacts were noted on the 26 Evans parcel.

CONCLUSIONS

Based on the observations and results of the Phase II completed at the Site, Roux offers the following conclusions:

- Evidence of petroleum impacts (visual and olfactory observations) were observed on the 26 Evans parcel. Product globules were observed on the groundwater entering test pits at TP-6 and TP-10 and observed in the groundwater in bailers from SB-1 and SB-3. Heavy sheen was observed coming out of the ground at boring SB-2 at completion.

  Based on this field evidence, NYSDEC was notified, and Spill Number 2305161 was assigned to the Site.

- Soil results indicated that PAHs and metals are present at the Site in exceedances of their respective RRSCOs, CSCOs, and ISCOs in the fill materials present on the 26 and 60 Evans Street parcels.

- Groundwater results indicated that PAHs are present on the 26 Evans Street parcel above their respective GWQS.

- Elevated TICs (both VOCs and SVOC) detected in soil and groundwater samples indicate that petroleum is present on the 26 Evans parcel.

- Fill material present at the Site contains man-made constituents that would be considered solid waste under 6NYCRR Part 360 regulations if disturbed and removed from the Site. Also, as stated above, PAH and metals impacts are present in the soil/fill.

RECOMMENDATIONS

Roux offers the following recommendations based on the conclusions of the Phase II at the Site:

- The Site is a candidate for the Brownfield Cleanup Program and a BCP application should be submitted to NYSDEC if the City of Batavia or other entity are interested in pursuing redevelopment of the Site. The presence of petroleum contamination (Spill No. 2305161) will need to be addressed. The elevated PAHs and metals detected in the fill material at the Site will complicate redevelopment.

- The fill materials encountered are considered a solid waste under 6NYCRR Part 360 regulations, if disturbed and removed from the Site. Therefore, if Site activities are to disturb soil/fill during future Site work/excavation, such should be properly assessed, handled, and managed in accordance with applicable regulations.

- A copy of this report should be provided to the NYSDEC.

Please contact us if you have any questions or require additional information.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Christopher Boron, P.G.
Principal Geologist

Attachments
Table 1 – Analytical Summary Program
Table 2 – Summary of Subsurface Soil/Fill Analytical Results
Table 3 – Summary of Groundwater Analytical Results
Figure 1 – Site & Vicinity Map
Figure 2 – Investigation Locations
Attachment 1 – Test Pit Logs
Attachment 2 - Photographs
Attachment 3 – Laboratory Analytical Report

TABLES

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TABLE 1

ANALYTICAL SAMPLING PROGRAM SUMMARY
PHASE II ENVIRONMENTAL INVESTGATION
26 & 60 EVANS STREET
BATAVIA, NEW YORK

Sample Identifier	TCL VOCs	CP-51 List SVOCs	RCRA 8 Metals	PCBs	Date Sampled
Subsurface Soil/Fill Samples					
TP-1, 2 to 4 ft	X	X	X	X	9/14/20232
TP-2, 0 - 1 ft	X	X	X		09/14/2023
TP-3, 1.6 to 2.5 ft	X	X	X		09/14/2023
TP-4, 4 to 5.5 ft	X	X	X		09/14/2023
TP-6, 9 to 10 ft	X	X	X		09/14/2023
TP-10, 4.5 to 6 ft	X	X	X	X	09/14/2023
SB-1, 6 to 8 ft	X	X	X		02/09/2024
SB-2, 5 to 7 ft	X				02/09/2024
SB-4, 0.5 to 2 ft			X		02/09/2024
SB-8, 9.5 to 11 ft		X	X		02/09/2024
SB-10, 9 to 11 ft	X	X			02/09/2024
SB-11, 0 to 2 ft			X		02/09/2024
SB-13, 0 to 2 ft		X	X		02/09/2024
Groundwater Samples					
TP-6W	X	X			09/14/2023
TP-10W	X	X			09/14/2023
SB-1W	X	X			02/28/2024
SB-3W	X	X			02/28/2024

Notes:
1. VOCs - Volatile Organic Compounds.
2. SVOCs - Semivolatile Organic Compounds
3. TCL - Target Compound List.
4. CP-51 - Commissioners Policy 51 Soil Cleanup Guidance
5. RCRA - Resorce Conservation and Recovery Act
6. PCBs - Polychlorinated biphenlys
6. ft - feet

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TABLE 2
SUMMARY OF SUBSURFACE SOIL/FILL ANALYTICAL RESULTS
PHASE II ENVIRONMENTAL INVESTIGATION
26 & 60 EVANS STREET
CITY OF BATAVIA, NEW YORK

Parameter[1]	CP-51 SCLs[2]	Restricted Residential Use SCOs[3]	Commercial Use SCOs[3]	Industrial Use SCOs[3]	Investigation Locations												
					TP-1 2-4 ft	TP-2 0-1 ft	TP-3 1.6-2.5 ft	TP-4 4-5.5 ft	TP-6 9-10 ft	TP-10 4.5-6 ft	SB-1 6-8 ft	SB-2 5-7 ft	SB-4 0.5-2 ft	SB-8 9.5-11 ft	SB-10 9-11 ft	SB-11 0-2 ft	SB-13 0-2 ft
					9/14/2023						2/9/2024						
Volatile Organic Compounds (VOCs) - mg/Kg[4]																	
1,2-dichloropropane	--	--	--	--	ND	ND	0.00018 J	ND	ND	ND	ND	ND	--	ND	ND	--	--
cis-1,2-dichloroethene	--	100	500	1000	ND	ND	ND	ND	0.0022	ND	ND	ND	--	ND	ND	--	--
2-Butanone	--	100	500	1000	ND	ND	ND	ND	ND	0.0061 J	0.0049 J vs	ND	--	ND	ND	--	--
Acetone	--	100	500	1000	0.011	ND	0.0069 J	ND	0.019	0.047	0.027 J vs	ND	--	ND	ND	--	--
Cyclohexane	--	--	--	--	ND	ND	ND	ND	0.0033 J	ND	ND	ND	--	ND	0.14 J	--	--
Isopropylbenzene	2.3	--	--	--	ND	ND	ND	ND	ND	0.0008 J	ND	ND	--	ND	0.084 J	--	--
Methyl cyclohexane	--	--	--	--	ND	ND	ND	ND	0.0027 J	0.00062 J	ND	ND	--	ND	0.73	--	--
Tetrachloroethene	--	19	150	300	ND	ND	ND	ND	0.00095	ND	ND	ND	--	ND	ND	--	--
Total Xylenes	0.26	100	500	1000	ND	ND	ND	ND	ND	0.00131 J	ND	ND	--	ND	ND	--	--
Vinyl chloride	--	0.9	13	27	ND	ND	ND	ND	0.0044	ND	ND	ND	--	ND	ND	--	--
Total TICs	--	--	--	--	0.0089 J	0.0381 J	0.0503 J	0.0116 J	2.3 J	0.0358 J	ND	50.5	--	ND	ND	--	--
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg[4]																	
Acenaphthene	20	100	500	1000	0.58 J	0.14 J	0.072 J	ND	ND	ND	1.8	--	--	ND	ND	--	ND
Acenaphthylene	100	100	500	1000	0.54 J	0.59	0.14 J	ND	ND	ND	ND	--	--	ND	ND	--	ND
Anthracene	100	100	500	1000	3	0.65	0.19	ND	ND	ND	2	--	--	ND	0.16 J	--	ND
Benzo(a)anthracene	1	1	5.6	11	6.2	2.1	0.7	0.038 J	ND	ND	ND	--	--	ND	ND	--	3.9 J
Benzo(a)pyrene	1	1	1	1.1	6.2	2.9	0.87	ND	ND	ND	ND	--	--	ND	ND	--	4.6 J
Benzo(b)fluoranthene	1	1	5.6	11	7.1	3.3	1.1	0.07 J	ND	ND	ND	--	--	ND	ND	--	5 J
Benzo(ghi)perylene	100	100	500	1000	3.5	1.8	0.53	ND	ND	ND	ND	--	--	ND	ND	--	4.3 J
Benzo(k)fluoranthene	0.8	3.9	56	110	2.4	1	0.47	ND	ND	ND	ND	--	--	ND	ND	--	3 J
Chrysene	1	3.9	56	110	5.6	2.4	0.94	0.046 J	ND	ND	0.25 J	--	--	ND	0.071 J	--	5.1 J
Dibenzo (a,h)anthracene	0.33	0.33	0.56	1.1	0.89	0.34	0.1 J	ND	ND	ND	ND	--	--	ND	ND	--	ND
Fluoranthene	100	100	500	1000	15	5.2	1.3	0.072 J	ND	ND	0.56 J	--	--	ND	ND	--	7.9
Fluorene	30	100	500	1000	1.2	0.23	0.12 J	ND	ND	ND	4.1	--	--	ND	ND	--	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	11	4.4	1.7 J	0.45	ND	ND	ND	ND	--	--	ND	ND	--	ND
Naphthalene	12	100	500	1000	0.69 J	0.26	1.2	ND	ND	ND	1.3	--	--	ND	ND	--	ND
Phenanthrene	100	100	500	1000	12	3.8	1.4	0.034 J	ND	ND	6.5	--	--	ND	0.55	--	5.9
Pyrene	100	100	500	1000	11	4.4	1.2	0.06 J	ND	ND	2.2 J	--	--	ND	0.092 J	--	7.6 J
Total TICs	--	--	--	--	24.4 J	ND	7.86 J	0.196 J	2.08 J	0.242 J	268.8	--	--	789.08	122.6	--	ND
Total PAHs	500	--	--	--	78.49 J	30.81 J	10.782 J	0.32 J	0 J	0 J	18.71 J	--	--	ND	ND	--	47.3 J
Total Metals - mg/Kg																	
Arsenic	--	16	16	16	30.8	14.7	18.6	2.3	7.14	4.4	244	--	9.6	--	--	15.4	264
Barium	--	400	400	10000	520	119	152	24.1	26.8	36.7	359	--	116	--	--	146	412
Cadmium	--	4.3	9.3	60	4.98	0.845	1.04	0.126 J	0.2 J	0.09 J	115	--	0.41	--	--	0.16 J	127
Chromium	--	180	1500	6800	32.2	14.5	20.7	3.82	8.06	10.2	135	--	9.8	--	--	12.5	142
Lead	--	400	1000	3900	2460	375	546	46.5	34.5	12.2	728	--	55.1	--	--	267	392
Mercury	--	0.81	2.8	5.7	2.24	0.476	1.12	0.1	0.08	0.049 J	0.058	--	0.18	--	--	0.093	0.1
Selenium	--	180	1500	6800	2.84	1.15	1.96	ND	0.187 J	0.275 J	224	--	0.79 J	--	--	2.9 J	250
Silver	--	180	1500	6800	3.59	0.164 J	ND	ND	ND	ND	12.3	--	0.71	--	--	0.83	13
Polychlorinated Biphenyls - mg/Kg[4]																	
Total PCBs	0.1	1	1	25	ND	--	--	--	--	ND	--	--	--	--	--	--	--

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per Commisioner's Policy 51 (CP-51) Soil Cleanup Levels (SCLs) Table 2 and 3.
3. Values per 6NYCRR Part 375 Restricted Use Soil Cleanup Objectives (SCOs), Table 375-6.8(b).
4. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter, or the parameter was not analyzed for.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
F1 = MS and/or MSD recovery exceeds control limits.
"+ = LCS and/or LCSD is outside acceptance limits, high based.
vs = Reported analyte concentrations are below 200 ug/kg and may be biased low due to sample not being collected according to 5035A-L low-level specifications.

BOLD	= Exceeds Unrestricted SCOs
BOLD	= Exceeds Restricted Residential SCOs
BOLD	= Exceeds Commercial SCOs
BOLD	= Exceeds Industrial SCOs

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TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESUL
PHASE II ENVIRONMENTAL INVESTIGATION
26 & 60 EVANS STREET
BATAVIA, NEW YORK

PARAMETER[1]	GWQS [2]	Investigatio	
		TP-6W	TP-10W
		09/14/23	
Volatile Organic Compounds (VOCs) - ug/L			
2-Butanone	**50**	4.8 J	ND
Acetone	**50**	21	9.7
Vinyl Chloride	**2**	0.5 J	ND
Total VOCs	**--**	26.3	ND
Total TICs	**--**	47.6 J	27.9 J
Base Neutral Semi-Volatile Organic Compounds (SVOCs) - ug/L			
Acenephthene	**--**	ND	0.22
Acenaphthylene	**--**	ND	0.08 J
Anthracene	**50**	ND	0.09 J
Benzo(a)anthracene	**0.002**	**0.92 J**	0.18
Benzo(a)pyrene	**ND**	**0.5 J**	**0.17**
Benzo(b)fluoranthene	**0.002**	**0.38 J**	0.24
Benzo(ghi)perylene	**--**	ND	ND
Benzo(k)fluoranthene	**0.002**	**0.12 J**	**0.09 J**
Chrysene	**0.002**	**3.3**	0.48
Di-n-butyl phthalate	**50**	ND	ND
Fluoranthene	**50**	0.27 J	0.41
Fluorene	**50**	ND	0.31 J
Pyrene	**50**	1.3	0.42
Phenanthrene	**50**	ND	0.26
Naphthalene	**10**	ND	0.06 J
Total TICs	**--**	--	--

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were r
2. Values per NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values - Class GA (TOGS 1.1.1).

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no SCO available for the parameter.
J = Estimated Value - Below calibration range.
N = Presuptive evidence of material
T = Result is a tentatively identified compound (TIC) and an estimated value
BOLD = Result exceeds GWQS.

FIGURES

NOTE:
BASEMAP USGS QUADRANGLE MAPS 2019
BATAVIA NORTH AND SOUTH

Title:

SITE LOCATION AND VICINITY MAP

LIMITED PHASE II ESA

26 AND 60 EVANS STREET SITE
BATAVIA, NEW YORK

Prepared for:

CITY OF BATAVIA

ROUX

Compiled by: RFL	Date: OCTOBER 2023	FIGURE
Prepared by: ES	Scale: AS SHOWN	
Project Mgr: CZB	Project: 0666-023-003	1
File: FIGURE 1; SITE LOCATION AND VICINITY ROUX.DWG		

F:\CAD\TURNKEY\CITY OF BATAVIA\26 & 60 EVANS STREET\FIGURE 1; SITE LOCATION AND VICINITY ROUX.DWG

TP-1 (2-4 FT)	9/14/2023
PARAMETER	MG/KG
BENZO(A)ANTHRACENE	6.2
BENZO(A)PYRENE	6.2
BENZO(B)FLUORANTHENE	7.1
BENZO(K)FLUORANTHENE	2.4
CHRYSENE	5.6
DIBENZO(A,H)ANTHRACENE	0.89
INDENO(1,2,3-CD)PYRENE	4.4
ARSENIC	30.8
BARIUM	520
CADMIUM	4.98
LEAD	2460
MERCURY	2.24

TP-2 (0-1 FT)	9/14/2023
PARAMETER	MG/KG
BENZO(A)ANTHRACENE	2.1
BENZO(A)PYRENE	2.9
BENZO(B)FLUORANTHENE	3.3
BENZO(K)FLUORANTHENE	1
CHRYSENE	2.4
DIBENZO(A,H)ANTHRACENE	0.34
INDENO(1,2,3-CD)PYRENE	1.7

TP-3 (1.6-2.5 FT)	9/14/2023
PARAMETER	MG/KG
BENZO(B)FLUORANTHENE	1.1
ARSENIC	18.6
LEAD	546
MERCURY	1.12

TP-6W	9/14/2023
PARAMETER	UG/L
BENZO(A)ANTHRACENE	0.92
BENZO(A)PYRENE	0.5
BENZO(B)FLUORANTHENE	0.38
BENZO(K)FLUORANTHENE	0.12
CHRYSENE	3.3
TENTATIVELY IDENTIFIED	COMPOUNDS
TOTAL VOC TICs	47.6

SB-1 (6-8 FT)	2/9/2024
PARAMETER	MG/KG
ARSENIC	244
CADMIUM	115
LEAD	728
SELENIUM	224

SB-1W	2/28/2024
PARAMETER	UG/L
TENTATIVELY IDENTIFIED	COMPOUNDS
TOTAL VOC TICs	1730
TOTAL SVOC TICs	3091

SB-13 (0-2 FT)	2/9/2024
PARAMETER	MG/KG
BENZO(A)ANTHRACENE	3.9
BENZO(A)PYRENE	4.6
BENZO(B)FLUORANTHENE	5
BENZO(K)FLUORANTHENE	3
CHRYSENE	5.1
ARSENIC	264
BARIUM	412
CADMIUM	127
SELENIUM	250

TP-10W	9/14/2023
PARAMETER	UG/L
BENZO(A)PYRENE	0.17
BENZO(K)FLUORANTHENE	0.09
TENTATIVELY IDENTIFIED	COMPOUNDS
TOTAL VOC TICs	27.9

SB-3W	2/28/2024
PARAMETER	UG/L
TENTATIVELY IDENTIFIED	COMPOUNDS
TOTAL VOC TICs	1900
TOTAL SVOC TICs	817

BLACK SANDS PRESENT AT 2 TO 4 FT, PETROLEUM ODORS AT 4 TO 6 FT

BLACK SANDS PRESENT TO 0.5 FT, ASH PRESENT 1.6 TO 2.5 FT

ASH PRESENT 4 TO 5.5 FT

BLACK SANDS PRESENT TO 1 FT

ASH PRESENT TO 4 FT

ASH PRESENT AT 2 TO 2.5 FT

ASH PRESENT AT 0.5 TO 1 FT

ASH PRESENT TO 4 FT

AREA OF GROSSLY IMPACTED PETROLEUM CONTAMINATION 4.5 TO 10 FT

PHOTO 1

PHOTO 2

TONAWANDA CREEK

26 EVANS STREET

60 EVANS STREET

EVANS STREET

TP-1, TP-2, TP-3, TP-4, TP-5, TP-6, TP-7, TP-8, TP-9, TP-10, TP-11, TP-12, SB-1, SB-2, SB-3, SB-4, SB-5, SB-7, SB-8, SB-9, SB-10, SB-11, SB-12, SB-13

LEGEND

- PROPERTY BOUNDARIES
- PROPOSED BCP SITE BOUNDARY
- TP-1 TEST PIT LOCATION
- SB-1 SOIL BORING LOCATION
- APPROXIMATE AREA OF ASH FILL
- APPROXIMATE AREA OF BLACK SAND FILL
- APPROXIMATE EXTENT OF GROSSLY IMPACTED PETROLEUM CONTAMINATION
- EXCEEDS UNRESTRICTED SCOs
- EXCEEDS RESTRICTED-RESIDENTIAL SCOs
- EXCEEDS COMMERCIAL SCOs
- EXCEEDS INDUSTRIAL SCOs
- EXCEEDS GWQS/GV

NOTES:
1. IMAGE SOURCE GOOGLE EARTH 2022.
2. SOIL ANALYTICAL RESULTS COMPARED TO 6 NYCRR PART 375 SOIL CLEANUP OBJECTIVES (SCOs).
3. GROUNDWATER ANALYTICAL RESULTS COMPARED TO TOGS 1.1.1 GROUNDWATER QUALITY STANDARDS/GUIDANCE VALUES (GWQS/GV).

N

125' 0 125'

Title:
SITE PLAN (AERIAL) AND AREAS OF CONCERN
BCP PRE-APPLICATION

26 AND 60 EVANS STREET SITE
BATAVIA, NEW YORK

Prepared for:
CITY OF BATAVIA

ROUX

Compiled by: RFL/CNK	Date: MARCH 2024
Prepared by: RFL/CNK	Scale: AS SHOWN
Project Mgr: CZB	Project: 0666-023-003
File: FIGURE 2; SITE PLAN AERIAL AND AREAS OF CONCERN.DWG	

FIGURE 2

F:\CAD\TURNKEY\CITY OF BATAVIA\26 & 60 EVANS STREET\BCP PRE-APPLICATION\FIGURE 2; SITE PLAN AERIAL AND AREAS OF CONCERN.DWG

ATTACHMENT 1

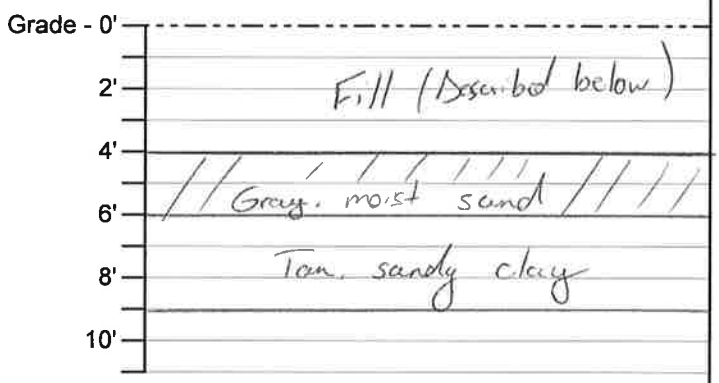
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-1
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	8	(approx.)
End:	Width:	3	(approx.)
	Depth:	9	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-4	Fill material consisting of white/gray ash, trace brick and brick fragments, glass, rust colored Fill (cinders) No odor	0.0	Y	2-4
4-6	Dark gray sandy clay (potential former creek bed) Groundwater infiltration at 6'	0.0	Y	-
6-9	Tan, sandy clay, no impacts, increased GW infiltration and sloughing. Increased clay content w/ depth	0.0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 6'
VISUAL IMPACTS:	☒ YES	☐ NO	Describe: Fill
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☒ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-1 2-4 FT
			Sample I.D.:
			Sample I.D.:

ROUX

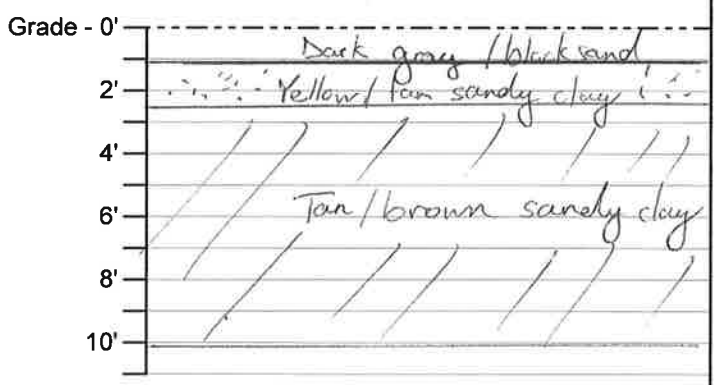
TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-2
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

TIME			
Start:	Length:	9	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0 - 1	Dark gray to black sand. Very trace (1-2) red brick. No odor. Moist.	0.0	Y	0 - 1
1-2.5	Yellow / tan sandy clay. High sand content. "beach like". Moist	0.0	Y	-
2.5-10	Tan / brown sandy lean clay. Increased clay content vs. above. GW intrusion at 8' Some small round stones at 10'	0.0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 8'
VISUAL IMPACTS:	☒ YES	☐ NO	Describe: Fill (black sand)
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☒ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-2 0 - 1 FT
			Sample I.D.:
			Sample I.D.:

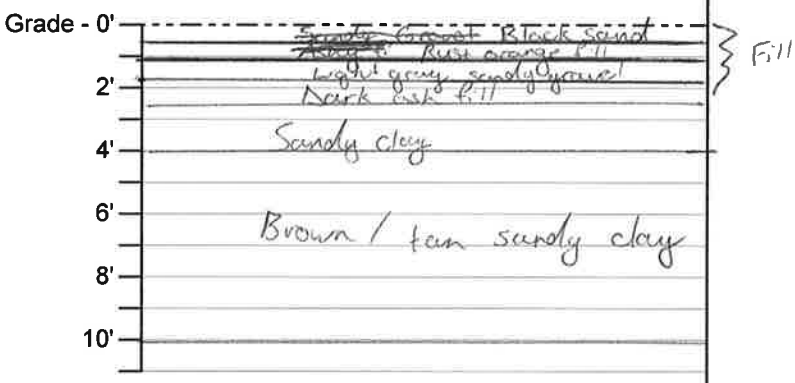
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-3
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	10	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-0.5	Black sand similar to TP-2. Moist, no odor	0	Y	-
0.5-1	Rust orange gravelly fill. Trace pieces of ~~slg~~ slag No odor	0	Y	-
1-1.66'	Light gray sandy gravel. Round gravel intermingled throughout (~2" Δ)	0	Y	-
1.66-2.5	Dark gray ashy fill, trace whit ash, black fines, trace brick. Sweet odor (trace)	0	Y	1.66-2.5
2.5-4	Gray sandy clay w/ old roots within slight staining from above unit decreases w/ depth	0	Y	-
4-10	Brown / tan sandy clay GW infiltration at 10'	0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES ☐ NO	If yes, depth to GW:	10'
VISUAL IMPACTS:	☒ YES ☐ NO	Describe:	Above
OLFACTORY OBSERVATIONS:	☒ YES ☐ NO	Describe:	Above
NON-NATIVE FILL ENCOUNTERED:	☒ YES ☐ NO		
OTHER OBSERVATIONS:	☐ YES ☒ NO	Describe:	
SAMPLES COLLECTED:		Sample I.D.:	TP-3 1.66-2.5 FT
		Sample I.D.:	
		Sample I.D.:	

ROUX

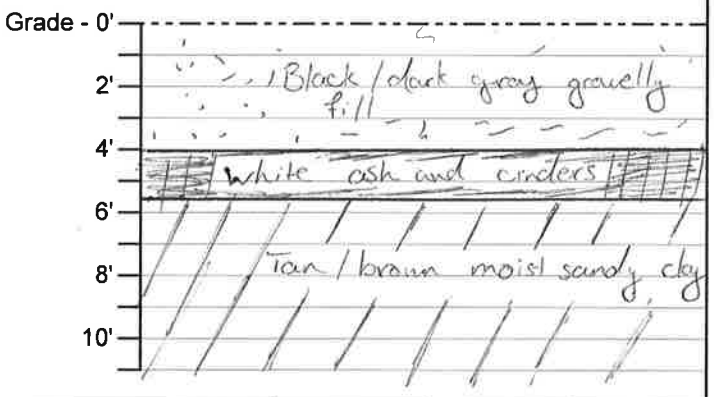
TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-4
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

TIME			
Start:	Length:	8	(approx.)
End:	Width:	3	(approx.)
	Depth:	11.5	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-4'	Gravelly fill consists of black fines, trace brick, fragments of metal	0.0	Y	-
4-5.5'	white ash and cinders, no odors, moist	0.0	Y	4-5.5
5.5-11.5	Tan / brown moist sandy clay. Clay content and moisture increase w/ depth	0.0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☒ NO	If yes, depth to GW:
VISUAL IMPACTS:	☒ YES	☐ NO	Describe: Above
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-4 4-5.5 FT
			Sample I.D.:
			Sample I.D.:

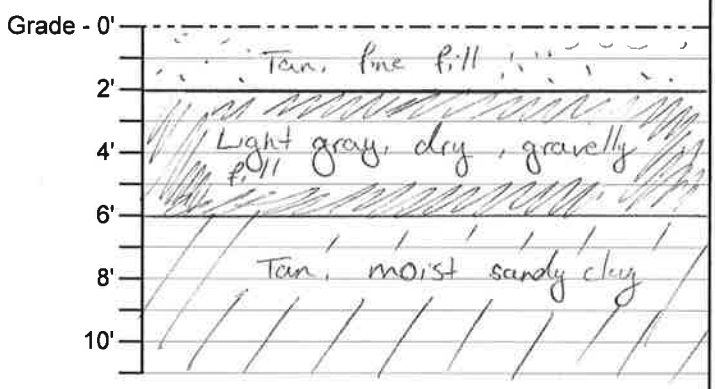
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-5
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	8	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2'	Tan, fine sandy fill ~~not gravel~~ Very dry	0.	Y	-
2-6'	Light gray, dry gravelly fill. Concrete strewn throughout. Very fine	0	Y	-
6-10	Tan, moist, sandy clay.	0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☒ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☒ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

ROUX

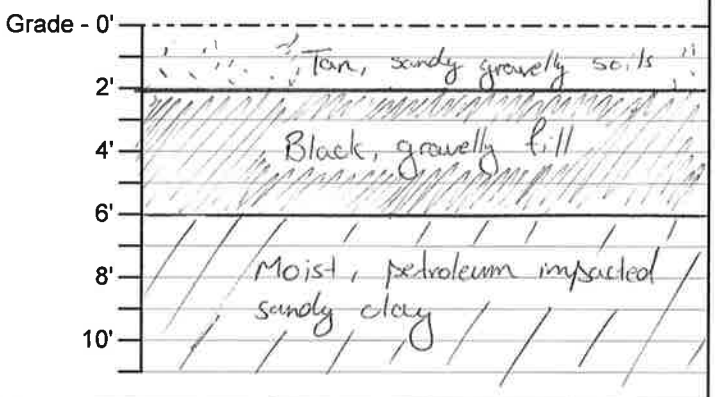
TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-6
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

TIME			
Start:	Length:	9	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2	Tan, sandy gravelly soil	0	Y	-
2-6	Black, gravelly fill. Black lines throughout trace brick and wood, faint distinct petroleum odor Black staining on clays intermingled within	0.2	Y	-
6-10	Moist, impacted (petroleum), sandy clay. Petroleum odor. Sheen evident on sands, groundwater intrusion at 9'. Globular black petro forming on GW.	0.4	Y	9-10
	TP ended so as to not excavate more free product to surface			

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 9'
VISUAL IMPACTS:	☒ YES	☐ NO	Describe: Above, black globular petro
OLFACTORY OBSERVATIONS:	☒ YES	☐ NO	Describe: Above
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-6 9-10 FT
			Sample I.D.:
			Sample I.D.:

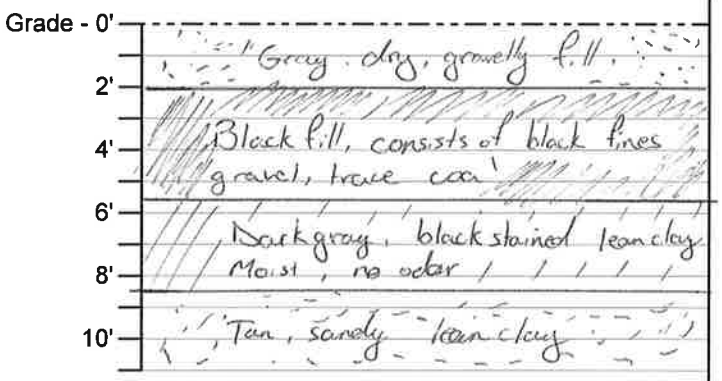
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-7
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME		
Start:	Length: ~~8~~ 7	(approx.)
End:	Width: ~~7~~ 3	(approx.)
	Depth: 10	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2	Gray, dry, gravelly fill	0	Y	–
2-5.5	Black fill consists of black fines, gravel, trace coal, concrete	0	Y	✓
5.5-8.5	Dark gray / black stained lean clay Moist, no odor or PID	0	Y	✓
8.5-10	Tan, sandy lean clay. Moist, no impacts	0	Y	✓

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☒ NO	If yes, depth to GW:
VISUAL IMPACTS:	☒ YES	☐ NO	Describe: Above
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe: Above
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☒ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

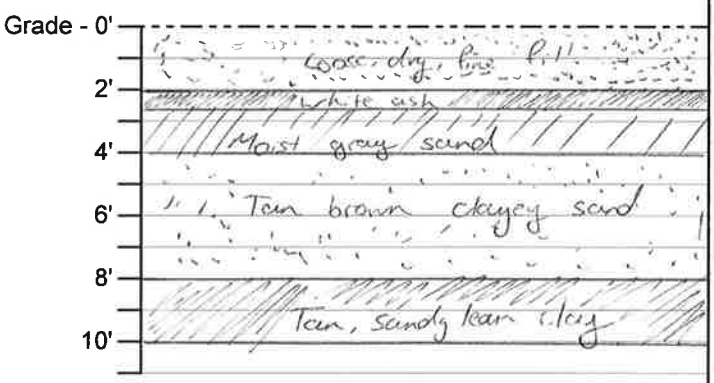
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-8
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	9	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2	Loose, dry, gray fine fill. Trace ash, intermingled w/ black fines	0	Y	-
2-2.5	Thin unit of moist, pale white ash and cinders	0	Y	-
2.5-4	Moist gray fine sand. No odors, trace debris fines throughout (small pieces broken brick, glass)	0	Y	-
4-8	Tan brown clayey sand. Moist, groundwater infiltration at 7', saturated beyond here	0	Y	-
8-10	Tan, sandy lean clay. Saturated, no impacts	0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 7
VISUAL IMPACTS:	☒ YES	☐ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☒ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

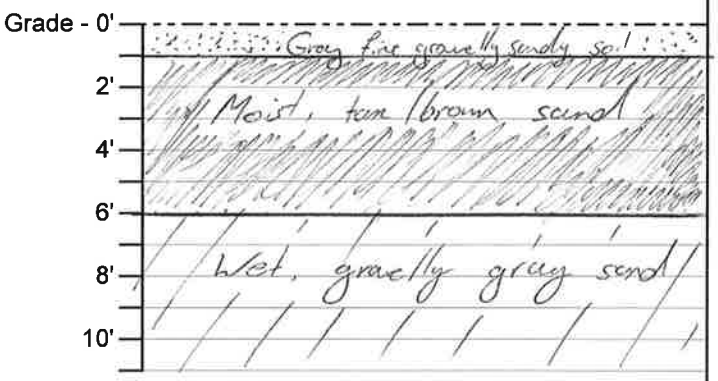
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-9
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	8	(approx.)
End:	Width:	3	(approx.)
	Depth:	11.5	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1	Gray, fine, dry, sandy, gravelly soil.	0	Y	-
1-6'	Moist, tan/brown sand "Beach sand like" Roots throughout.	0	Y	-
6-11.5	Wet, gravelly gray sand. Indicative of former creek bed material. Significant sloughing	0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 6
VISUAL IMPACTS:	☐ YES	☒ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

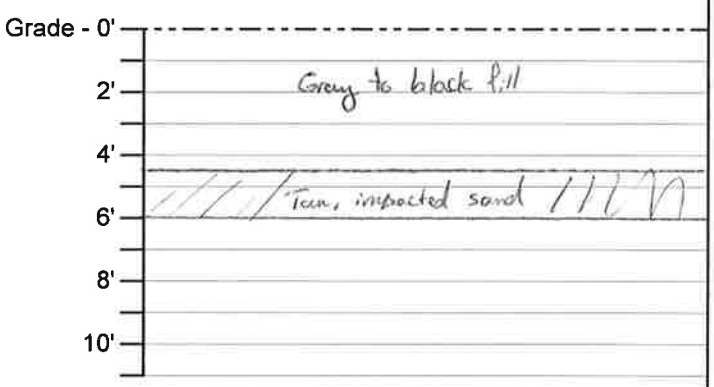
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-10
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME		
Start:	Length:	(approx.)
End:	Width:	(approx.)
	Depth:	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-4.5	Grey to black fill, consists of black fines, cinders	0	Y	
4.5-6.0	Tan, impact (petroleum) sand. Moist. Pocket of water came out of north sidewall of TP at 5'. Globular product forming on water	0.41	Y	4.5-5.5
	End TP @ 6 FT in effort to not further excavate free product			

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 5
VISUAL IMPACTS:	☒ YES	☐ NO	Describe:
OLFACTORY OBSERVATIONS:	☒ YES	☐ NO	Describe: Petroleum odor
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☒ YES	☐ NO	Describe: Free petroleum product
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

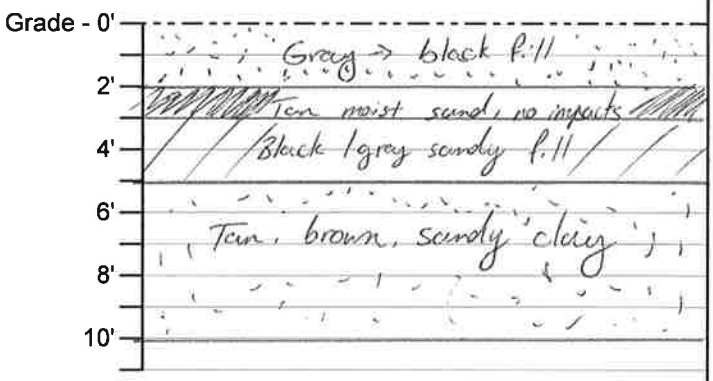
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-11
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	9	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2	Gray to black fill consists of black fines, cinders, thr	0	Y	-
2-3	Tan, moist sand no impacts	0	Y	-
3-4	Black/gray sandy fill	0	Y	-
4-10	Tan, brown sandy clay Clay content increases w/ depth GW at 7'	0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☒ YES	☐ NO	If yes, depth to GW: 7'
VISUAL IMPACTS:	☒ YES	☐ NO	Describe: Above fill
OLFACTORY OBSERVATIONS:	☐ YES	☒ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

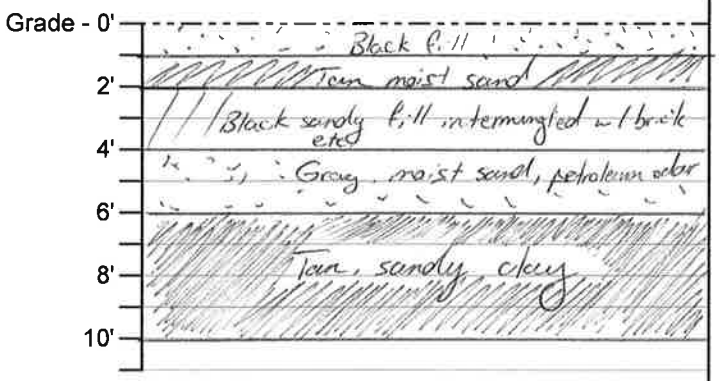
ROUX

TEST PIT EXCAVATION LOG

Project: 26 and 60 Evans Street	TEST PIT I.D.: TP-12
Project No.: B0666-023-003	Excavation Date: 9/14/2023
Client: City of Batavia	Excavation Method: PC170 Excavator
Location: Batavia, NY	Logged / Checked By: EDS

Test Pit Location: *NOT TO SCALE*

Test Pit Cross Section:



TIME			
Start:	Length:	8	(approx.)
End:	Width:	3	(approx.)
	Depth:	10	(approx.)

Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1	Black fill consists of black fines, gravel	6	Y	-
1-2	Tan, moist sand	0	Y	-
2-4	Black sandy fill intermingled w/ brick, black fines,	0	Y	-
4-6	Gray, moist sand petroleum odor, no free product	5.4	Y	
6-10	Tan, sandy clay	0	Y	-

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☒ NO	If yes, depth to GW:
VISUAL IMPACTS:	☒ YES	☐ NO	Describe:
OLFACTORY OBSERVATIONS:	☒ YES	☐ NO	Describe: Petroleum odor at 4-6'
NON-NATIVE FILL ENCOUNTERED:	☒ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☐ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.:
			Sample I.D.:
			Sample I.D.:

SB-1

Client:	Site:	Project Number:
City of Batavia	26 and 60 Evans Street	4454.0001B000
Address:	**City/State:**	**Logged By:**
26 and 60 Evans Street	Batavia, New York	NAS

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
2/9/2024 - 2/9/2024	TREC Environmental Inc.	Geoprobe	2" Macro-Core
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
12 feet		2-inches	
Area:	**Elevation:**	**Northing:**	**Easting:**
NM	NM	NM	NM

Well Depth:	Well Dia./Materials:	Screen Interval:	Screen Slot Size:	Sand/Filter Pack Size:	Annular Seal:
12 feet	1-inch PVC	2-12 feet	10-Slot	#00	Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		GWS		Black, moist, mostly black fine sand, some well sorted gravel, loose when disturbed, no odors			0	
		GWS		Tan/brown, moist, mostly well sorted gravel, some fine sand, medium dense, no odors			0	
		GP		Grey/tan, moist, mostly fine sand, some subrounded gravel, medium dense, no odors			0	
5							0	
							0	
							0	
		GP		Grey, wet, mostly fine sand, some subrounded gravel, sheen on soil, petroleum like odors	G		19	
	GROUND WATER LEVEL						7	
		SW		Grey/tan, wet, mostly well graded sand, sheen on soil and water, petroleum-like odors			3	
10							9	
							6	

Bottom of borehole at 12 feet

SB-2

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS

Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Well Depth: 12 feet	Well Dia./Materials: 1-inch PVC	Screen Interval: 2-12 feet	Screen Slot Size: 10-Slot	Sand/Filter Pack Size: #00	Annular Seal: Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		ASPH		Asphalt			0	
		GP		Grey, moist, mostly subangular gravel, some fine sand, loose when disturbed, no odors			0	
		GWS		Tan/brown, moist, mostly fine sand, some subangular gravel, medium dense, no odors			0	
		GP		Grey/black, moist, mostly fine sand, some subrounded gravel, medium dense, no odors			0	
		GP		Grey/black, wet, mostly fine sand, some well sorted gravel, petroleum-like odors, medium dense, sheen on water			1	
5		SW		Grey/tan, wet, mostly well graded sand, petroleum-like odors	G		5.4	
	GROUND WATER LEVEL						4	
							3	
10							2	
							2	

Bottom of borehole at 12 feet

ROUX

SB-3

Client:	Site:	Project Number:
City of Batavia	26 and 60 Evans Street	4454.0001B000
Address:	**City/State:**	**Logged By:**
26 and 60 Evans Street	Batavia, New York	NAS

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
2/9/2024 - 2/9/2024	TREC Environmental Inc.	Geoprobe	2" Macro-Core
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
12 feet		2-inches	
Area:	**Elevation:**	**Northing:**	**Easting:**
NM	NM	NM	NM

Well Depth:	Well Dia./Materials:	Screen Interval:	Screen Slot Size:	Sand/Filter Pack Size:	Annular Seal:
12 feet	1-inch PVC	2-12 feet	10-Slot	#00	Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		GWS		Black, moist, mostly black fine sand, some well sorted gravel, loose when disturbed, no odors			0	
		MIXD		Grey, moist, mostly fine sand, some fill (cinders, brick, plastic), loose when disturbed, no odors			0	
		GWS		Tan/brown, moist, mostly well sorted gravel, some fine sand, medium dense, no odors			0	
							0	
							0	
5		GP		Grey/tan, moist, mostly fine sand, some subrounded gravel, medium dense, no odors			0	
							1	
							1	
							4	
	GROUND WATER LEVEL						6	
10		SW		Grey/black, wet, mostly well graded sand, some subrounded gravel, petroleum-like odors, sheen on water			6	
		SW		Tan/brown, wet, mostly well graded sand, some subrounded gravel, petroleum-like odors			2	

Bottom of borehole at 12 feet

SB-4

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS

Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Black, moist, mostly fine sand, some fill (cinders, brick, black fines, concrete) loose when disturbed, no odors	G		0 0 0 0 0	
5	SW		Grey/black, wet, mostly well graded sand, some subrounded gravel, no odors			0 0 0 0 0	
10			Bottom of borehole at 12 feet			0	

SB-5

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS

Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Black, moist, mostly fine sand, some fill (black fines), loose when disturbed, no odors			0	
	BLDRCBBL		Large Cobble			0	
	GWS		Tan/brown, moist, mostly well sorted gravel, some fine sand, medium dense, no odors			0	
5	GP		Grey/tan, moist, mostly fine sand, some subrounded gravel, medium dense, no odors			0	
10	SW		Grey, wet, mostly well graded sand, some subrounded gravel, petroleum-like odors			0	

Bottom of borehole at 12 feet

SB-6

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000	
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS	
Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Brown, moist, mostly fine sand, some fill (cinders, brick, black fines), loose when disturbed, no odors			0 0 0 0 0	
5	GP		Grey/tan, moist, mostly fine sand, some subrounded gravel, medium dense, no odors			0.5	
	SW		Tan/grey/black, moist to wet (8'), mostly fine sand, little subrounded gravel, medium dense, slight petroleum-like odors, sheen on water			0.7 0.7 0.5	
10	SW		Black, wet, mostly well graded sand, medium dense, petroleum-like odors			0.8 0.4 0	

Bottom of borehole at 12 feet

SB-7

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS

Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Black, moist, mostly fine sand, some fill (black fines), loose when disturbed, no odors			0	
	MIXD		Grey/black, moist to wet (4'), mostly well sorted gravel, some fine sand, little fill (black fines, cinders, brick, wood, plastic), loose when disturbed, no odors			0	
5	GP		Tan, wet, mostly fine sand, some subrounded gravel, medium dense, no odors			0	
10	SW		Grey, wet, mostly well graded sand, medium dense, no odors			0	

Bottom of borehole at 12 feet

SB-8

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS

Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Well Depth: 12 feet	Well Dia./Materials: 1-inch PVC	Screen Interval: 2-12 feet	Screen Slot Size: 10-Slot	Sand/Filter Pack Size: #00	Annular Seal: Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		MIXD		Black, moist, mostly fine sand, some fill (black fines), loose when disturbed, no odors			0	
		MIXD		Grey/black, moist to wet (4'), mostly well sorted gravel, some fine sand, little fill (black fines, cinders, brick, wood), loose when disturbed, no odors			0 0 0 0	
5		GP		Grey/brown/black, wet, mostly fine sand, some subrounded gravel, medium dense, petroleum-like odors			4 8 9 11	
	GROUND WATER LEVEL	SW		Black, wet, mostly well graded sand, medium dense, petroleum-like odors, sheen on water	G		19 12	
10								

Bottom of borehole at 12 feet

SB-9

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000	
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS	
Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	ASPH		Asphalt			0	
	GP		Grey, moist, mostly subangular gravel, some fine sand, loose when disturbed, no odors			0	
	GWS		Tan/brown, moist, mostly fine sand, some subangular gravel, medium dense, no odors			0	
5						0	
	GP		Grey/black, wet, mostly fine sand, some subrounded gravel, medium dense, petroleum-like odors			2	
	SW		Brown/black, wet, mostly well graded sand, petroleum-like odors, sheen on water			2	
10						3	
						5	
						6.4	

Bottom of borehole at 12 feet

SB-10

Client:	Site:	Project Number:
City of Batavia	26 and 60 Evans Street	4454.0001B000
Address:	**City/State:**	**Logged By:**
26 and 60 Evans Street	Batavia, New York	NAS

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
2/9/2024 - 2/9/2024	TREC Environmental Inc.	Geoprobe	2" Macro-Core
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
12 feet		2-inches	
Area:	**Elevation:**	**Northing:**	**Easting:**
NM	NM	NM	NM

Well Depth:	Well Dia./Materials:	Screen Interval:	Screen Slot Size:	Sand/Filter Pack Size:	Annular Seal:
12 feet	1-inch PVC	2-12 feet	10-Slot	#00	Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		MIXD		Black, moist, mostly fine sand, some fill (black fines), loose when disturbed, no odors			0	
		MIXD		Brown, moist , mostly well sorted gravel, some fine sand, little fill (black fines, cinders, brick), loose when disturbed, no odors			0	
							0	
							0	
		SW		Tan/brown, wet, mostly well graded sand, medium dense, petroleum-like odors			0	
5							0	
		GP		Grey/black, wet, mostly fine sand, some subrounded gravel, medium dense, petroleum-like odors			3	
							5	
		SW		Black, wet, mostly well graded sand, medium dense, petroleum-like odors, sheen on water			7	
	GROUND WATER LEVEL						14	
10							12	
							10	

Bottom of borehole at 12 feet

SB-11

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS

Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Black/red/grey/silver, mostly fill (black fines, brick, ash, cinders), some fine sand, loose when disturbed, no odors	G		0 0 0 0	
5	GP		Brown/tan, wet, mostly fine sand, little subrounded gravel, medium dense, no odors			0 0 0 0	
10	SW		Brown, wet, mostly well graded sand, medium dense, no odors			0 0 0 0	

Bottom of borehole at 12 feet

SB-12

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000	
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS	
Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Black, mostly fill (black fines), some fine sand, loose when disturbed, no odors			0	
	GP		Brown/tan, wet, mostly fine sand, little subrounded gravel, medium dense, no odors			0 0 0 0 0	
5	SW		Brown, wet, mostly well graded sand, medium dense, no odors			0 0 0 0 0 0 0	
10						0	

Bottom of borehole at 12 feet

SB-13

Client: City of Batavia	Site: 26 and 60 Evans Street	Project Number: 4454.0001B000	
Address: 26 and 60 Evans Street	City/State: Batavia, New York	Logged By: NAS	
Start to Finish Date: 2/9/2024 - 2/9/2024	Contractor: TREC Environmental Inc.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill:	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Black, mostly fill (black fines, coal, wood), some fine sand, loose when disturbed, no odors	G		0	
	MIXD		White, moist, mostly fill (ash, brick), loose when disturbed, no odors				
	MIXD		Black, moist, mostly fill (cinders, coal, brick, black fines), loose when disturbed, no odors			0	
5	SW		Brown, wet, mostly well graded sand, medium dense, no odors			0	
10						0	

Bottom of borehole at 12 feet

ATTACHMENT 2

Photograph 1: Product in water in bailer at SB-1.

Photograph 2: Product in water in bailer at SB-3.

Photograph 3: Sheen on ground at SB-2.

Photograph 4: Sheen on ground at SB-2.

ATTACHMENT 3

ANALYTICAL REPORT

Lab Number:	L2354121
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Chris Boron
Phone:	(716) 856-0599
Project Name:	26 AND 60 EVANS STREET
Project Number:	0666-023-003-001-003
Report Date:	09/26/23

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: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354121-01	TP-1 2-4 FT	SOIL	BATAVIA,NY	09/14/23 09:43	09/15/23
L2354121-02	TP-2 0-1 FT	SOIL	BATAVIA,NY	09/14/23 09:54	09/15/23
L2354121-03	TP-3 1.66-2.5 FT	SOIL	BATAVIA,NY	09/14/23 10:35	09/15/23
L2354121-04	TP-4 4-5.5 FT	SOIL	BATAVIA,NY	09/14/23 11:15	09/15/23
L2354121-05	TP-6 9-10 FT	SOIL	BATAVIA,NY	09/14/23 12:30	09/15/23
L2354121-06	TP-10 4.5-6 FT	SOIL	BATAVIA,NY	09/14/23 15:15	09/15/23
L2354121-07	TP-GW	WATER	BATAVIA,NY	09/14/23 15:40	09/15/23
L2354121-08	TP-10W	WATER	BATAVIA,NY	09/14/23 15:23	09/15/23

Project Name:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

Case Narrative

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

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

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

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

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

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

Project Name:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2354121-01 through -06: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2354121-05: The internal standard (IS) responses for fluorobenzene (46%), chlorobenzene-d5 (49%), and 1,4-dichlorobenzene-d4 (31%) and the surrogate recovery for 4-bromofluorobenzene (146%) were outside the acceptance criteria; however, re-analysis achieved the following results: chlorobenzene-d5 (47%), and 1,4-dichlorobenzene-d4 (18%) and 4-bromofluorobenzene (209%). The results of both analyses are reported.

L2354121-06: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (140%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Semivolatile Organics

L2354121-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Semivolatile Organics by SIM

L2354121-07D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

The WG1829241-3 MS recovery for arsenic (163%), performed on L2354121-01, does not apply because the sample concentration is greater than four times the spike amount added.

The WG1829241-3 MS recovery, performed on L2354121-01, is outside the acceptance criteria for barium (67%). A post digestion spike was performed and was within acceptance criteria.

The WG1829241-3 MS recovery, performed on L2354121-01, is outside the acceptance criteria for selenium

Project Name:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

Case Narrative (continued)

(139%). A post digestion spike was performed and yielded an unacceptable recovery for selemium (128%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1829241-3 MS recoveries, performed on L2354121-01, is outside the acceptance criteria for lead (563%). A post digestion spike was performed and yielded an unacceptable recoveries for lead (33%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1829242-3 MS recovery, performed on L2354121-01, is outside the acceptance criteria for mercury (135%). A post digestion spike was performed and was within acceptance criteria.

The WG1829241-4 Laboratory Duplicate RPDs for arsenic (38%), barium (29%), lead (121%) and selenium (33%), performed on L2354121-01, 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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/26/23

ORGANICS

VOLATILES

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01
Client ID: TP-1 2-4 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:43
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:50
Analyst: AJK
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01 Date Collected: 09/14/23 09:43

Client ID: TP-1 2-4 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	11		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Tentatively Identified Compounds

Total TIC Compounds	8.90	J	ug/kg	1
Unknown	6.25	J	ug/kg	1
Unknown	2.65	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02
Client ID: TP-2 0-1 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 09:54
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/24/23 15:17
Analyst: AJK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - 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
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
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02 Date Collected: 09/14/23 09:54

Client ID: TP-2 0-1 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	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
Methyl Acetate	ND		ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02 Date Collected: 09/14/23 09:54

Client ID: TP-2 0-1 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	38.1	J	ug/kg			1
Unknown	4.89	J	ug/kg			1
Unknown	6.34	J	ug/kg			1
Unknown	3.53	J	ug/kg			1
Unknown	7.84	J	ug/kg			1
Unknown	2.51	J	ug/kg			1
Unknown	7.40	J	ug/kg			1
Unknown	3.11	J	ug/kg			1
Unknown	2.49	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03
Client ID: TP-3 1.66-2.5 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 10:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/24/23 15:44
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.7	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.74	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.74	0.17	1
1,2-Dichloropropane	0.18	J	ug/kg	0.74	0.09	1
Dibromochloromethane	ND		ug/kg	0.74	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.74	0.20	1
Tetrachloroethene	ND		ug/kg	0.37	0.14	1
Chlorobenzene	ND		ug/kg	0.37	0.09	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.52	1
1,2-Dichloroethane	ND		ug/kg	0.74	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.37	0.12	1
Bromodichloromethane	ND		ug/kg	0.37	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.37	0.12	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.37	0.12	1
Benzene	ND		ug/kg	0.37	0.12	1
Toluene	ND		ug/kg	0.74	0.40	1
Ethylbenzene	ND		ug/kg	0.74	0.10	1
Chloromethane	ND		ug/kg	3.0	0.69	1
Bromomethane	ND		ug/kg	1.5	0.43	1
Vinyl chloride	ND		ug/kg	0.74	0.25	1
Chloroethane	ND		ug/kg	1.5	0.34	1
1,1-Dichloroethene	ND		ug/kg	0.74	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.37	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03 Date Collected: 09/14/23 10:35

Client ID: TP-3 1.66-2.5 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.42	1
o-Xylene	ND		ug/kg	0.74	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	0.13	1
Styrene	ND		ug/kg	0.74	0.14	1
Dichlorodifluoromethane	ND		ug/kg	7.4	0.68	1
Acetone	6.9	J	ug/kg	7.4	3.6	1
Carbon disulfide	ND		ug/kg	7.4	3.4	1
2-Butanone	ND		ug/kg	7.4	1.6	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	0.95	1
2-Hexanone	ND		ug/kg	7.4	0.88	1
Bromochloromethane	ND		ug/kg	1.5	0.15	1
1,2-Dibromoethane	ND		ug/kg	0.74	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.74	1
Isopropylbenzene	ND		ug/kg	0.74	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
Methyl Acetate	ND		ug/kg	3.0	0.70	1
Cyclohexane	ND		ug/kg	7.4	0.40	1
1,4-Dioxane	ND		ug/kg	59	26.	1
Freon-113	ND		ug/kg	3.0	0.51	1
Methyl cyclohexane	ND		ug/kg	3.0	0.45	1

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03
Client ID: TP-3 1.66-2.5 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 10:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	50.3	J	ug/kg			1
Acenaphthene	2.16	NJ	ug/kg			1
Unknown	2.78	J	ug/kg			1
Unknown	4.44	J	ug/kg			1
Bis(2-chloroethyl) ether	7.67	NJ	ug/kg			1
Unknown	2.78	J	ug/kg			1
Unknown	14.2	J	ug/kg			1
Unknown	16.3	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-04
Client ID: TP-4 4-5.5 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 11:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/24/23 16:12
Analyst: AJK
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-04 Date Collected: 09/14/23 11:15

Client ID: TP-4 4-5.5 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Tentatively Identified Compounds				
Total TIC Compounds	11.6	J	ug/kg	1
Unknown	3.41	J	ug/kg	1
Unknown	8.17	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 19:54
Analyst: JIC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	0.66	0.10	1
Chloroform	ND		ug/kg	0.98	0.09	1
Carbon tetrachloride	ND		ug/kg	0.66	0.15	1
1,2-Dichloropropane	ND		ug/kg	0.66	0.08	1
Dibromochloromethane	ND		ug/kg	0.66	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.66	0.18	1
Tetrachloroethene	ND		ug/kg	0.33	0.13	1
Chlorobenzene	ND		ug/kg	0.33	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.6	0.46	1
1,2-Dichloroethane	ND		ug/kg	0.66	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	0.33	0.11	1
Bromodichloromethane	ND		ug/kg	0.33	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.66	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.33	0.10	1
Bromoform	ND		ug/kg	2.6	0.16	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.33	0.11	1
Benzene	ND		ug/kg	0.33	0.11	1
Toluene	ND		ug/kg	0.66	0.36	1
Ethylbenzene	ND		ug/kg	0.66	0.09	1
Chloromethane	ND		ug/kg	2.6	0.61	1
Bromomethane	ND		ug/kg	1.3	0.38	1
Vinyl chloride	0.81		ug/kg	0.66	0.22	1
Chloroethane	ND		ug/kg	1.3	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.66	0.16	1
trans-1,2-Dichloroethene	ND		ug/kg	0.98	0.09	1
Trichloroethene	ND		ug/kg	0.33	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.3	0.09	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05 Date Collected: 09/14/23 12:30

Client ID: TP-6 9-10 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.3	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.3	0.13	1
p/m-Xylene	ND		ug/kg	1.3	0.37	1
o-Xylene	ND		ug/kg	0.66	0.19	1
cis-1,2-Dichloroethene	1.1		ug/kg	0.66	0.11	1
Styrene	ND		ug/kg	0.66	0.13	1
Dichlorodifluoromethane	ND		ug/kg	6.6	0.60	1
Acetone	43		ug/kg	6.6	3.2	1
Carbon disulfide	ND		ug/kg	6.6	3.0	1
2-Butanone	5.3	J	ug/kg	6.6	1.4	1
4-Methyl-2-pentanone	ND		ug/kg	6.6	0.84	1
2-Hexanone	ND		ug/kg	6.6	0.77	1
Bromochloromethane	ND		ug/kg	1.3	0.13	1
1,2-Dibromoethane	ND		ug/kg	0.66	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.0	0.66	1
Isopropylbenzene	0.09	J	ug/kg	0.66	0.07	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.3	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.3	0.18	1
Methyl Acetate	ND		ug/kg	2.6	0.62	1
Cyclohexane	1.2	J	ug/kg	6.6	0.36	1
1,4-Dioxane	ND		ug/kg	52	23.	1
Freon-113	ND		ug/kg	2.6	0.46	1
Methyl cyclohexane	1.1	J	ug/kg	2.6	0.40	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05 Date Collected: 09/14/23 12:30

Client ID: TP-6 9-10 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	746	J	ug/kg			1
Tridecane, 4-methyl-	73.3	NJ	ug/kg			1
Unknown Alkane	63.9	J	ug/kg			1
Unknown Alkane	67.2	J	ug/kg			1
Unknown	79.1	J	ug/kg			1
Unknown Cycloalkane	44.9	J	ug/kg			1
Unknown Alkane	108	J	ug/kg			1
Unknown	47.6	J	ug/kg			1
Unknown	79.9	J	ug/kg			1
Unknown Cyclohexane	114	J	ug/kg			1
Tridecane, 7-methyl-	67.6	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	**146**	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05 R
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:56
Analyst: LAC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.10	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	4.4		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	0.95		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05 R
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	2.2		ug/kg	0.85	0.15	1
Styrene	ND		ug/kg	0.85	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.77	1
Acetone	19		ug/kg	8.5	4.1	1
Carbon disulfide	ND		ug/kg	8.5	3.8	1
2-Butanone	ND		ug/kg	8.5	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	3.3	J	ug/kg	8.5	0.46	1
1,4-Dioxane	ND		ug/kg	68	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	2.7	J	ug/kg	3.4	0.51	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05 R Date Collected: 09/14/23 12:30
Client ID: TP-6 9-10 FT Date Received: 09/15/23
Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	2300	J	ug/kg			1
Unknown	174	J	ug/kg			1
Unknown Alkane	247	J	ug/kg			1
Unknown Alkane	244	J	ug/kg			1
Unknown Cycloalkane	178	J	ug/kg			1
Unknown Cyclohexane	375	J	ug/kg			1
Unknown	178	J	ug/kg			1
Unknown Alkane	218	J	ug/kg			1
Unknown Alkane	243	J	ug/kg			1
Unknown Alkane	272	J	ug/kg			1
Unknown Alkane	169	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	127		70-130
4-Bromofluorobenzene	**209**	Q	70-130
Dibromofluoromethane	113		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06
Client ID: TP-10 4.5-6 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 15:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/24/23 16:39
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06 Date Collected: 09/14/23 15:15

Client ID: TP-10 4.5-6 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	0.64	J	ug/kg	1.9	0.53	1
o-Xylene	0.67	J	ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	47		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	6.1	J	ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Isopropylbenzene	0.80	J	ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	34.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	0.62	J	ug/kg	3.8	0.58	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06 Date Collected: 09/14/23 15:15

Client ID: TP-10 4.5-6 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	358	J	ug/kg			1
Unknown	58.7	J	ug/kg			1
Unknown	43.2	J	ug/kg			1
Unknown	23.3	J	ug/kg			1
Decane, 4-methyl-	63.4	NJ	ug/kg			1
Unknown Benzene	24.4	J	ug/kg			1
Unknown Alkane	21.7	J	ug/kg			1
Unknown	41.4	J	ug/kg			1
Unknown Naphthalene	36.5	J	ug/kg			1
Unknown Aromatic	22.5	J	ug/kg			1
Unknown	23.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	**140**	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-07
Client ID: TP-GW
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 15:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 12:42
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
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	0.50	J	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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-07 Date Collected: 09/14/23 15:40

Client ID: TP-GW Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	21		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	4.8	J	ug/l	5.0	1.9	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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-07
Client ID: TP-GW
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 15:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	47.6	J	ug/l			1
Unknown Alkane	3.08	J	ug/l			1
Unknown Alkane	3.36	J	ug/l			1
Dodecane, 2,6,10-trimethyl-	9.00	NJ	ug/l			1
Unknown Alkane	3.29	J	ug/l			1
Unknown Alkane	5.81	J	ug/l			1
Tridecane, 7-methyl-	4.53	NJ	ug/l			1
Unknown Alkane	4.82	J	ug/l			1
Unknown	3.75	J	ug/l			1
Unknown	4.54	J	ug/l			1
Unknown Cyclohexane	5.37	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	107		70-130

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-08
Client ID: TP-10W
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 15:23
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 13:07
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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-08 Date Collected: 09/14/23 15:23

Client ID: TP-10W Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	9.7		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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-08 Date Collected: 09/14/23 15:23

Client ID: TP-10W Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	27.9	J	ug/l			1
Unknown	2.24	J	ug/l			1
Unknown Alkane	6.42	J	ug/l			1
Unknown Alkane	1.82	J	ug/l			1
Unknown Alkane	2.50	J	ug/l			1
Unknown	2.71	J	ug/l			1
Unknown	1.72	J	ug/l			1
Unknown Alkane	3.32	J	ug/l			1
Cyclohexane, octyl-	1.88	NJ	ug/l			1
Unknown Alkane	1.61	J	ug/l			1
Unknown Alkane	3.72	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	103		70-130

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 07:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1831568-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 07:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1831568-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 07:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1831568-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1831599-5					
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
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.3	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1831599-5					
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds			
Total TIC Compounds	15.9	J	ug/kg
Unknown	4.41	J	ug/kg

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1831599-5					
Tentatively Identified Compounds					
Unknown	3.10	J	ug/kg		
Unknown	5.70	J	ug/kg		
Cyclotrisiloxane, Hexamethyl-	2.64	NJ	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	89		70-130

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1832084-5					
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
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.4	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1832084-5					
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds

Total TIC Compounds	15.9	J	ug/kg
Unknown	4.94	J	ug/kg

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1832084-5					
Tentatively Identified Compounds					
Unknown	2.90	J	ug/kg		
Unknown	5.98	J	ug/kg		
Cyclotrisiloxane, Hexamethyl-	2.08	NJ	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	90		70-130

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1832093-5					
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
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
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1832093-5					
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
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1832093-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**146**	Q	70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	117		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1831568-3 WG1831568-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	90		89		63-130	1		20
1,1,2-Trichloroethane	96		95		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	96		94		67-130	2		20
trans-1,3-Dichloropropene	94		92		70-130	2		20
cis-1,3-Dichloropropene	100		97		70-130	3		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	100		99		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		97		70-130	3		20
Chloromethane	110		100		64-130	10		20
Bromomethane	99		96		39-139	3		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1831568-3 WG1831568-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	96		92		70-130	4		20
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	98		97		63-130	1		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	96		94		58-148	2		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	91		91		63-138	0		20
4-Methyl-2-pentanone	92		89		59-130	3		20
2-Hexanone	90		88		57-130	2		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	94		92		70-130	2		20
1,2-Dibromo-3-chloropropane	97		95		41-144	2		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1831568-3 WG1831568-4								
1,2,4-Trichlorobenzene	110		110		70-130	0		20
Methyl Acetate	100		98		70-130	2		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	102		104		56-162	2		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		99		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1831599-3 WG1831599-4								
Methylene chloride	92		93		70-130	1		30
1,1-Dichloroethane	91		93		70-130	2		30
Chloroform	90		93		70-130	3		30
Carbon tetrachloride	83		85		70-130	2		30
1,2-Dichloropropane	89		92		70-130	3		30
Dibromochloromethane	90		91		70-130	1		30
1,1,2-Trichloroethane	88		90		70-130	2		30
Tetrachloroethene	98		98		70-130	0		30
Chlorobenzene	93		95		70-130	2		30
Trichlorofluoromethane	102		102		70-139	0		30
1,2-Dichloroethane	87		90		70-130	3		30
1,1,1-Trichloroethane	86		88		70-130	2		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	97		98		70-130	1		30
cis-1,3-Dichloropropene	86		88		70-130	2		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	97		96		70-130	1		30
Benzene	90		92		70-130	2		30
Toluene	96		97		70-130	1		30
Ethylbenzene	97		99		70-130	2		30
Chloromethane	91		90		52-130	1		30
Bromomethane	88		92		57-147	4		30
Vinyl chloride	102		100		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 AND 60 EVANS STREET

Project Number: 0666-023-003-001-003

Lab Number: L2354121

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1831599-3 WG1831599-4								
Chloroethane	100		100		50-151	0		30
1,1-Dichloroethene	97		100		65-135	3		30
trans-1,2-Dichloroethene	94		98		70-130	4		30
Trichloroethene	91		94		70-130	3		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	101		102		70-130	1		30
1,4-Dichlorobenzene	100		100		70-130	0		30
Methyl tert butyl ether	89		95		66-130	7		30
p/m-Xylene	98		100		70-130	2		30
o-Xylene	92		94		70-130	2		30
cis-1,2-Dichloroethene	86		87		70-130	1		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	93		94		30-146	1		30
Acetone	92		85		54-140	8		30
Carbon disulfide	91		92		59-130	1		30
2-Butanone	88		89		70-130	1		30
4-Methyl-2-pentanone	93		92		70-130	1		30
2-Hexanone	95		96		70-130	1		30
Bromochloromethane	85		88		70-130	3		30
1,2-Dibromoethane	95		97		70-130	2		30
1,2-Dibromo-3-chloropropane	92		90		68-130	2		30
Isopropylbenzene	102		105		70-130	3		30
1,2,3-Trichlorobenzene	99		98		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1831599-3 WG1831599-4								
1,2,4-Trichlorobenzene	102		101		70-130	1		30
Methyl Acetate	96		101		51-146	5		30
Cyclohexane	98		99		59-142	1		30
1,4-Dioxane	91		94		65-136	3		30
Freon-113	102		104		50-139	2		30
Methyl cyclohexane	94		96		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	106		103		70-130
Dibromofluoromethane	90		92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

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: WG1832084-3 WG1832084-4								
Methylene chloride	92		91		70-130	1		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	90		90		70-130	0		30
Carbon tetrachloride	80		78		70-130	3		30
1,2-Dichloropropane	90		89		70-130	1		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	93		92		70-130	1		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	99		95		70-139	4		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	84		83		70-130	1		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	98		97		70-130	1		30
cis-1,3-Dichloropropene	86		86		70-130	0		30
Bromoform	94		94		70-130	0		30
1,1,2,2-Tetrachloroethane	98		94		70-130	4		30
Benzene	89		87		70-130	2		30
Toluene	96		95		70-130	1		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	85		82		52-130	4		30
Bromomethane	90		86		57-147	5		30
Vinyl chloride	94		91		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

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: WG1832084-3 WG1832084-4								
Chloroethane	96		94		50-151	2		30
1,1-Dichloroethene	94		93		65-135	1		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	91		94		70-130	3		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	100		100		70-130	0		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	98		95		66-130	3		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	85		85		70-130	0		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	85		83		30-146	2		30
Acetone	96		98		54-140	2		30
Carbon disulfide	86		84		59-130	2		30
2-Butanone	94		92		70-130	2		30
4-Methyl-2-pentanone	98		96		70-130	2		30
2-Hexanone	101		101		70-130	0		30
Bromochloromethane	86		87		70-130	1		30
1,2-Dibromoethane	98		98		70-130	0		30
1,2-Dibromo-3-chloropropane	95		95		68-130	0		30
Isopropylbenzene	102		102		70-130	0		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

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: WG1832084-3 WG1832084-4								
1,2,4-Trichlorobenzene	98		97		70-130	1		30
Methyl Acetate	108		108		51-146	0		30
Cyclohexane	92		89		59-142	3		30
1,4-Dioxane	93		93		65-136	0		30
Freon-113	97		93		50-139	4		30
Methyl cyclohexane	88		85		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		92		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	88		90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

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: WG1832093-3 WG1832093-4								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	109		108		70-130	1		30
Chloroform	101		102		70-130	1		30
Carbon tetrachloride	88		91		70-130	3		30
1,2-Dichloropropane	100		107		70-130	7		30
Dibromochloromethane	81		92		70-130	13		30
1,1,2-Trichloroethane	81		91		70-130	12		30
Tetrachloroethene	85		89		70-130	5		30
Chlorobenzene	93		97		70-130	4		30
Trichlorofluoromethane	95		90		70-139	5		30
1,2-Dichloroethane	110		115		70-130	4		30
1,1,1-Trichloroethane	101		104		70-130	3		30
Bromodichloromethane	91		99		70-130	8		30
trans-1,3-Dichloropropene	93		104		70-130	11		30
cis-1,3-Dichloropropene	92		100		70-130	8		30
Bromoform	79		92		70-130	15		30
1,1,2,2-Tetrachloroethane	99		111		70-130	11		30
Benzene	95		99		70-130	4		30
Toluene	102		107		70-130	5		30
Ethylbenzene	100		104		70-130	4		30
Chloromethane	109		105		52-130	4		30
Bromomethane	117		113		57-147	3		30
Vinyl chloride	114		110		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 AND 60 EVANS STREET

Project Number: 0666-023-003-001-003

Lab Number: L2354121

Report Date: 09/26/23

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: WG1832093-3 WG1832093-4								
Chloroethane	98		94		50-151	4		30
1,1-Dichloroethene	97		93		65-135	4		30
trans-1,2-Dichloroethene	99		98		70-130	1		30
Trichloroethene	89		97		70-130	9		30
1,2-Dichlorobenzene	92		101		70-130	9		30
1,3-Dichlorobenzene	94		101		70-130	7		30
1,4-Dichlorobenzene	93		101		70-130	8		30
Methyl tert butyl ether	90		100		66-130	11		30
p/m-Xylene	93		96		70-130	3		30
o-Xylene	93		95		70-130	2		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Styrene	91		95		70-130	4		30
Dichlorodifluoromethane	130		123		30-146	6		30
Acetone	124		130		54-140	5		30
Carbon disulfide	106		103		59-130	3		30
2-Butanone	91		102		70-130	11		30
4-Methyl-2-pentanone	96		110		70-130	14		30
2-Hexanone	96		108		70-130	12		30
Bromochloromethane	86		87		70-130	1		30
1,2-Dibromoethane	83		92		70-130	10		30
1,2-Dibromo-3-chloropropane	75		87		68-130	15		30
Isopropylbenzene	106		113		70-130	6		30
1,2,3-Trichlorobenzene	94		102		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

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: WG1832093-3 WG1832093-4								
1,2,4-Trichlorobenzene	97		106		70-130	9		30
Methyl Acetate	117		125		51-146	7		30
Cyclohexane	107		109		59-142	2		30
1,4-Dioxane	82		76		65-136	8		30
Freon-113	105		107		50-139	2		30
Methyl cyclohexane	88		88		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		122		70-130
Toluene-d8	105		107		70-130
4-Bromofluorobenzene	114		117		70-130
Dibromofluoromethane	98		95		70-130

SEMIVOLATILES

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01 D
Client ID: TP-1 2-4 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:43
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 06:37
Analyst: IM
Percent Solids: 68%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	580	J	ug/kg	980	130	5
Fluoranthene	15000		ug/kg	740	140	5
Naphthalene	690	J	ug/kg	1200	150	5
Benzo(a)anthracene	6200		ug/kg	740	140	5
Benzo(a)pyrene	6200		ug/kg	980	300	5
Benzo(b)fluoranthene	7100		ug/kg	740	210	5
Benzo(k)fluoranthene	2400		ug/kg	740	200	5
Chrysene	5600		ug/kg	740	130	5
Acenaphthylene	540	J	ug/kg	980	190	5
Anthracene	3000		ug/kg	740	240	5
Benzo(ghi)perylene	3500		ug/kg	980	140	5
Fluorene	1200		ug/kg	1200	120	5
Phenanthrene	12000		ug/kg	740	150	5
Dibenzo(a,h)anthracene	890		ug/kg	740	140	5
Indeno(1,2,3-cd)pyrene	4400		ug/kg	980	170	5
Pyrene	11000		ug/kg	740	120	5

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01 D
Client ID: TP-1 2-4 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:43
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	24400	J	ug/kg			5
Unknown PAH	1500	J	ug/kg			5
Unknown PAH	1240	J	ug/kg			5
Unknown PAH	1460	J	ug/kg			5
Unknown PAH	1730	J	ug/kg			5
Unknown	2490	J	ug/kg			5
Unknown	1210	J	ug/kg			5
Unknown	1980	J	ug/kg			5
Unknown PAH	1200	J	ug/kg			5
Unknown PAH	2040	J	ug/kg			5
Unknown PAH	1020	J	ug/kg			5
Unknown PAH	1180	J	ug/kg			5
Unknown PAH	1920	J	ug/kg			5
Unknown PAH	3880	J	ug/kg			5
Unknown PAH	1560	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	70		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02
Client ID: TP-2 0-1 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:54
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 16:15
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	160	21.	1
Fluoranthene	5200		ug/kg	120	24.	1
Naphthalene	260		ug/kg	200	25.	1
Benzo(a)anthracene	2100		ug/kg	120	23.	1
Benzo(a)pyrene	2900		ug/kg	160	50.	1
Benzo(b)fluoranthene	3300		ug/kg	120	34.	1
Benzo(k)fluoranthene	1000		ug/kg	120	33.	1
Chrysene	2400		ug/kg	120	21.	1
Acenaphthylene	590		ug/kg	160	32.	1
Anthracene	650		ug/kg	120	40.	1
Benzo(ghi)perylene	1800		ug/kg	160	24.	1
Fluorene	230		ug/kg	200	20.	1
Phenanthrene	3800		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	340		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	160	29.	1
Pyrene	4400		ug/kg	120	20.	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02 Date Collected: 09/14/23 09:54

Client ID: TP-2 0-1 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	56		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03
Client ID: TP-3 1.66-2.5 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 10:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 16:32
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	72	J	ug/kg	160	20.	1
Fluoranthene	1300		ug/kg	120	22.	1
Naphthalene	1200		ug/kg	190	24.	1
Benzo(a)anthracene	700		ug/kg	120	22.	1
Benzo(a)pyrene	870		ug/kg	160	47.	1
Benzo(b)fluoranthene	1100		ug/kg	120	33.	1
Benzo(k)fluoranthene	470		ug/kg	120	31.	1
Chrysene	940		ug/kg	120	20.	1
Acenaphthylene	140	J	ug/kg	160	30.	1
Anthracene	190		ug/kg	120	38.	1
Benzo(ghi)perylene	530		ug/kg	160	23.	1
Fluorene	120	J	ug/kg	190	19.	1
Phenanthrene	1400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	450		ug/kg	160	27.	1
Pyrene	1200		ug/kg	120	19.	1

Project Name: 26 AND 60 EVANS STREET **Lab Number:** L2354121

Project Number: 0666-023-003-001-003 **Report Date:** 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03 Date Collected: 09/14/23 10:35

Client ID: TP-3 1.66-2.5 FT Date Received: 09/15/23

Sample Location: BATAVIA,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	7860	J	ug/kg			1
Unknown Naphthalene	654	J	ug/kg			1
Unknown Naphthalene	544	J	ug/kg			1
Unknown Benzene	420	J	ug/kg			1
Unknown Alkane	330	J	ug/kg			1
Unknown Naphthalene	537	J	ug/kg			1
Unknown Naphthalene	708	J	ug/kg			1
Unknown PAH	644	J	ug/kg			1
Unknown	345	J	ug/kg			1
Unknown Alkane	338	J	ug/kg			1
Unknown	536	J	ug/kg			1
Unknown Benzene	534	J	ug/kg			1
Unknown	398	J	ug/kg			1
Unknown	456	J	ug/kg			1
Unknown	380	J	ug/kg			1
Unknown	1040	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	71		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-04
Client ID: TP-4 4-5.5 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 11:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 17:04
Analyst: SZ
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	25.	1
Fluoranthene	72	J	ug/kg	140	28.	1
Naphthalene	ND		ug/kg	240	29.	1
Benzo(a)anthracene	38	J	ug/kg	140	27.	1
Benzo(a)pyrene	ND		ug/kg	190	59.	1
Benzo(b)fluoranthene	70	J	ug/kg	140	40.	1
Benzo(k)fluoranthene	ND		ug/kg	140	38.	1
Chrysene	46	J	ug/kg	140	25.	1
Acenaphthylene	ND		ug/kg	190	37.	1
Anthracene	ND		ug/kg	140	47.	1
Benzo(ghi)perylene	ND		ug/kg	190	28.	1
Fluorene	ND		ug/kg	240	23.	1
Phenanthrene	34	J	ug/kg	140	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	28.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	190	33.	1
Pyrene	60	J	ug/kg	140	24.	1

Tentatively Identified Compounds				
Total TIC Compounds	196	J	ug/kg	1
Unknown	196	J	ug/kg	1

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-04
Client ID: TP-4 4-5.5 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 11:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	62		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 17:20
Analyst: SZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Fluoranthene	ND		ug/kg	120	23.	1
Naphthalene	ND		ug/kg	200	25.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1

Tentatively Identified Compounds				
Total TIC Compounds	2080	J	ug/kg	1
Unknown Alkane	2080	J	ug/kg	1

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	83		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06
Client ID: TP-10 4.5-6 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 15:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 17:37
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Fluoranthene	ND		ug/kg	110	22.	1
Naphthalene	ND		ug/kg	190	23.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Tentatively Identified Compounds						
Total TIC Compounds	242	J	ug/kg			1
Unknown Alkane	242	J	ug/kg			1

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06
Client ID: TP-10 4.5-6 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 15:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	58		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-07 D
Client ID: TP-GW
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 15:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/25/23 16:02
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/19/23 06:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	1.0	0.14	10
Fluoranthene	0.27	J	ug/l	1.0	0.20	10
Naphthalene	ND		ug/l	1.0	0.49	10
Benzo(a)anthracene	0.92	J	ug/l	1.0	0.20	10
Benzo(a)pyrene	0.50	J	ug/l	1.0	0.15	10
Benzo(b)fluoranthene	0.38	J	ug/l	1.0	0.12	10
Benzo(k)fluoranthene	0.12	J	ug/l	1.0	0.09	10
Chrysene	3.3		ug/l	1.0	0.12	10
Acenaphthylene	ND		ug/l	1.0	0.12	10
Anthracene	ND		ug/l	1.0	0.14	10
Benzo(ghi)perylene	ND		ug/l	1.0	0.14	10
Fluorene	ND		ug/l	1.0	0.14	10
Phenanthrene	ND		ug/l	1.0	0.23	10
Dibenzo(a,h)anthracene	ND		ug/l	1.0	0.13	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	1.0	0.12	10
Pyrene	1.3		ug/l	1.0	0.19	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	53		15-120
4-Terphenyl-d14	50		41-149

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-08
Client ID: TP-10W
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 15:23
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 15:32
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/19/23 06:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.22		ug/l	0.10	0.01	1
Fluoranthene	0.41		ug/l	0.10	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.18		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.17		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.24		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Chrysene	0.48		ug/l	0.10	0.01	1
Acenaphthylene	0.08	J	ug/l	0.10	0.01	1
Anthracene	0.09	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.31		ug/l	0.10	0.01	1
Phenanthrene	0.26		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	0.42		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	91		15-120
4-Terphenyl-d14	73		41-149

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 03:31
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 09/18/23 12:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828753-1					
Acenaphthene	ND		ug/kg	130	17.
Fluoranthene	ND		ug/kg	100	19.
Naphthalene	ND		ug/kg	170	20.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 03:31
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 09/18/23 12:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828753-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	61		18-120

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:53
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/19/23 06:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08 Batch: WG1829034-1					
Acenaphthene	ND		ug/l	0.10	0.01
Fluoranthene	ND		ug/l	0.10	0.02
Naphthalene	ND		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	ND		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	ND		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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	78		15-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828753-2 WG1828753-3								
Acenaphthene	69		61		31-137	12		50
Fluoranthene	68		60		40-140	13		50
Naphthalene	70		61		40-140	14		50
Benzo(a)anthracene	69		60		40-140	14		50
Benzo(a)pyrene	82		72		40-140	13		50
Benzo(b)fluoranthene	76		67		40-140	13		50
Benzo(k)fluoranthene	78		69		40-140	12		50
Chrysene	75		65		40-140	14		50
Acenaphthylene	68		61		40-140	11		50
Anthracene	73		63		40-140	15		50
Benzo(ghi)perylene	72		63		40-140	13		50
Fluorene	71		63		40-140	12		50
Phenanthrene	71		62		40-140	14		50
Dibenzo(a,h)anthracene	74		65		40-140	13		50
Indeno(1,2,3-cd)pyrene	80		70		40-140	13		50
Pyrene	69		60		35-142	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828753-2 WG1828753-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		62		25-120
Phenol-d6	70		59		10-120
Nitrobenzene-d5	63		54		23-120
2-Fluorobiphenyl	70		62		30-120
2,4,6-Tribromophenol	83		73		10-136
4-Terphenyl-d14	73		64		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08 Batch: WG1829034-2 WG1829034-3								
Acenaphthene	90		70		40-140	25		40
Fluoranthene	103		80		40-140	25		40
Naphthalene	83		67		40-140	21		40
Benzo(a)anthracene	116		87		40-140	29		40
Benzo(a)pyrene	120		93		40-140	25		40
Benzo(b)fluoranthene	113		89		40-140	24		40
Benzo(k)fluoranthene	112		88		40-140	24		40
Chrysene	105		80		40-140	27		40
Acenaphthylene	97		77		40-140	23		40
Anthracene	100		77		40-140	26		40
Benzo(ghi)perylene	112		86		40-140	26		40
Fluorene	97		75		40-140	26		40
Phenanthrene	92		70		40-140	27		40
Dibenzo(a,h)anthracene	107		83		40-140	25		40
Indeno(1,2,3-cd)pyrene	111		86		40-140	25		40
Pyrene	101		78		40-140	26		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	107		84		23-120
2-Fluorobiphenyl	81		63		15-120
4-Terphenyl-d14	85		65		41-149

PCBS

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01
Client ID: TP-1 2-4 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:43
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/19/23 09:21
Analyst: ER
Percent Solids: 68%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 19:10
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	67.0	5.95	1	A
Aroclor 1221	ND		ug/kg	67.0	6.71	1	A
Aroclor 1232	ND		ug/kg	67.0	14.2	1	A
Aroclor 1242	ND		ug/kg	67.0	9.03	1	A
Aroclor 1248	ND		ug/kg	67.0	10.0	1	A
Aroclor 1254	ND		ug/kg	67.0	7.33	1	A
Aroclor 1260	ND		ug/kg	67.0	12.4	1	A
Aroclor 1262	ND		ug/kg	67.0	8.51	1	A
Aroclor 1268	ND		ug/kg	67.0	6.94	1	A
PCBs, Total	ND		ug/kg	67.0	5.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06
Client ID: TP-10 4.5-6 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 15:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/19/23 09:29
Analyst: ER
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/18/23 19:10
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.5	4.84	1	A
Aroclor 1221	ND		ug/kg	54.5	5.46	1	A
Aroclor 1232	ND		ug/kg	54.5	11.6	1	A
Aroclor 1242	ND		ug/kg	54.5	7.35	1	A
Aroclor 1248	ND		ug/kg	54.5	8.18	1	A
Aroclor 1254	ND		ug/kg	54.5	5.96	1	A
Aroclor 1260	ND		ug/kg	54.5	10.1	1	A
Aroclor 1262	ND		ug/kg	54.5	6.92	1	A
Aroclor 1268	ND		ug/kg	54.5	5.65	1	A
PCBs, Total	ND		ug/kg	54.5	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 22:29
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 09/18/23 09:29
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,06 Batch: WG1828668-1						
Aroclor 1016	ND		ug/kg	48.2	4.28	A
Aroclor 1221	ND		ug/kg	48.2	4.83	A
Aroclor 1232	ND		ug/kg	48.2	10.2	A
Aroclor 1242	ND		ug/kg	48.2	6.50	A
Aroclor 1248	ND		ug/kg	48.2	7.23	A
Aroclor 1254	ND		ug/kg	48.2	5.27	A
Aroclor 1260	ND		ug/kg	48.2	8.91	A
Aroclor 1262	ND		ug/kg	48.2	6.12	A
Aroclor 1268	ND		ug/kg	48.2	5.00	A
PCBs, Total	ND		ug/kg	48.2	4.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 AND 60 EVANS STREET

Project Number: 0666-023-003-001-003

Lab Number: L2354121

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,06 Batch: WG1828668-2 WG1828668-3									
Aroclor 1016	76		77		40-140	1		50	A
Aroclor 1260	65		67		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		73		30-150	A
Decachlorobiphenyl	69		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	68		71		30-150	B

METALS

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01
Client ID: TP-1 2-4 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 09:43
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	30.8		mg/kg	0.571	0.119	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF
Barium, Total	520		mg/kg	0.571	0.099	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	4.98		mg/kg	0.571	0.056	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF
Chromium, Total	32.2		mg/kg	0.571	0.055	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF
Lead, Total	2460		mg/kg	2.85	0.153	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF
Mercury, Total	2.24		mg/kg	0.471	0.307	5	09/20/23 11:10	09/25/23 16:20	EPA 7471B	1,7471B	MJR
Selenium, Total	2.84		mg/kg	1.14	0.147	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF
Silver, Total	3.59		mg/kg	0.285	0.162	1	09/20/23 10:35	09/20/23 16:36	EPA 3050B	1,6010D	JMF

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02
Client ID: TP-2 0-1 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 09:54
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	14.7		mg/kg	0.480	0.100	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF
Barium, Total	119		mg/kg	0.480	0.084	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.845		mg/kg	0.480	0.047	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF
Chromium, Total	14.5		mg/kg	0.480	0.046	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF
Lead, Total	375		mg/kg	2.40	0.128	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF
Mercury, Total	0.476		mg/kg	0.078	0.051	1	09/20/23 11:10	09/25/23 14:26	EPA 7471B	1,7471B	MJR
Selenium, Total	1.15		mg/kg	0.960	0.124	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF
Silver, Total	0.164	J	mg/kg	0.240	0.136	1	09/20/23 10:35	09/20/23 17:01	EPA 3050B	1,6010D	JMF

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03
Client ID: TP-3 1.66-2.5 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 10:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	18.6		mg/kg	0.452	0.094	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF
Barium, Total	152		mg/kg	0.452	0.079	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.04		mg/kg	0.452	0.044	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF
Chromium, Total	20.7		mg/kg	0.452	0.043	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF
Lead, Total	546		mg/kg	2.26	0.121	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF
Mercury, Total	1.12		mg/kg	0.074	0.048	1	09/20/23 11:10	09/25/23 14:29	EPA 7471B	1,7471B	MJR
Selenium, Total	1.96		mg/kg	0.903	0.116	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.226	0.128	1	09/20/23 10:35	09/20/23 17:04	EPA 3050B	1,6010D	JMF

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-04
Client ID: TP-4 4-5.5 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 11:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.30		mg/kg	0.561	0.117	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF
Barium, Total	24.1		mg/kg	0.561	0.098	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.126	J	mg/kg	0.561	0.055	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF
Chromium, Total	3.82		mg/kg	0.561	0.054	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF
Lead, Total	46.5		mg/kg	2.80	0.150	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF
Mercury, Total	0.100		mg/kg	0.093	0.060	1	09/20/23 11:10	09/25/23 14:32	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.12	0.145	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.280	0.159	1	09/20/23 10:35	09/20/23 17:07	EPA 3050B	1,6010D	JMF

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.14		mg/kg	0.470	0.098	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF
Barium, Total	26.8		mg/kg	0.470	0.082	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.200	J	mg/kg	0.470	0.046	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF
Chromium, Total	8.06		mg/kg	0.470	0.045	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF
Lead, Total	34.5		mg/kg	2.35	0.126	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF
Mercury, Total	0.080		mg/kg	0.079	0.051	1	09/20/23 11:10	09/25/23 14:36	EPA 7471B	1,7471B	MJR
Selenium, Total	0.187	J	mg/kg	0.941	0.121	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.235	0.133	1	09/20/23 10:35	09/20/23 17:10	EPA 3050B	1,6010D	JMF

Project Name: 26 AND 60 EVANS STREET
Lab Number: L2354121
Project Number: 0666-023-003-001-003
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06
Client ID: TP-10 4.5-6 FT
Sample Location: BATAVIA,NY
Date Collected: 09/14/23 15:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.40		mg/kg	0.452	0.094	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF
Barium, Total	36.7		mg/kg	0.452	0.079	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.090	J	mg/kg	0.452	0.044	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF
Chromium, Total	10.2		mg/kg	0.452	0.043	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF
Lead, Total	12.2		mg/kg	2.26	0.121	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF
Mercury, Total	0.049	J	mg/kg	0.074	0.048	1	09/20/23 11:10	09/25/23 14:39	EPA 7471B	1,7471B	MJR
Selenium, Total	0.275	J	mg/kg	0.905	0.117	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.226	0.128	1	09/20/23 10:35	09/20/23 17:13	EPA 3050B	1,6010D	JMF

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003
Lab Number: L2354121
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1829241-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/20/23 10:35	09/20/23 16:21	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/20/23 10:35	09/20/23 16:21	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/20/23 10:35	09/20/23 16:21	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/20/23 10:35	09/20/23 16:21	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/20/23 10:35	09/20/23 16:21	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/20/23 10:35	09/20/23 16:21	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/20/23 10:35	09/20/23 16:21	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): 01-06 Batch: WG1829242-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/20/23 11:10	09/25/23 13:59	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 AND 60 EVANS STREET

Project Number: 0666-023-003-001-003

Lab Number: L2354121

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829241-2 SRM Lot Number: D119-540								
Arsenic, Total	109		-		83-117	-		
Barium, Total	106		-		82-118	-		
Cadmium, Total	96		-		82-117	-		
Chromium, Total	101		-		82-119	-		
Lead, Total	106		-		82-118	-		
Selenium, Total	115		-		79-121	-		
Silver, Total	110		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829242-2 SRM Lot Number: D119-540								
Mercury, Total	100		-		73-127	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829241-3 QC Sample: L2354121-01 Client ID: TP-1 2-4 FT												
Arsenic, Total	30.8	13.3	52.5	**163**	Q	-	-		75-125	-		20
Barium, Total	520	221	668	**67**	Q	-	-		75-125	-		20
Cadmium, Total	4.98	5.86	9.76	82		-	-		75-125	-		20
Chromium, Total	32.2	22.1	54.7	102		-	-		75-125	-		20
Lead, Total	2460	58.6	2790	**563**	Q	-	-		75-125	-		20
Selenium, Total	2.84	13.3	21.3	**139**	Q	-	-		75-125	-		20
Silver, Total	3.59	5.53	8.53	89		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829242-3 QC Sample: L2354121-01 Client ID: TP-1 2-4 FT												
Mercury, Total	2.24	1.85	4.74	**135**	Q	-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829241-4 QC Sample: L2354121-01 Client ID: TP-1 2-4 FT						
Arsenic, Total	30.8	45.2	mg/kg	**38**	Q	20
Barium, Total	520	389	mg/kg	**29**	Q	20
Cadmium, Total	4.98	5.31	mg/kg	6		20
Chromium, Total	32.2	33.1	mg/kg	3		20
Lead, Total	2460	10000	mg/kg	**121**	Q	20
Selenium, Total	2.84	3.96	mg/kg	**33**	Q	20
Silver, Total	3.59	2.98	mg/kg	19		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829242-4 QC Sample: L2354121-01 Client ID: TP-1 2-4 FT						
Mercury, Total	2.24	2.75	mg/kg	20		20

INORGANICS
&
MISCELLANEOUS

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-01
Client ID: TP-1 2-4 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:43
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67.9		%	0.100	NA	1	-	09/16/23 10:43	121,2540G	ROI

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-02
Client ID: TP-2 0-1 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 09:54
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	09/16/23 10:43	121,2540G	ROI

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-03
Client ID: TP-3 1.66-2.5 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 10:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	09/16/23 10:43	121,2540G	ROI

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-04
Client ID: TP-4 4-5.5 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 11:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.9		%	0.100	NA	1	-	09/16/23 10:43	121,2540G	ROI

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-05
Client ID: TP-6 9-10 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	09/16/23 10:43	121,2540G	ROI

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354121-06
Client ID: TP-10 4.5-6 FT
Sample Location: BATAVIA,NY

Date Collected: 09/14/23 15:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	09/16/23 10:43	121,2540G	ROI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1828240-1 QC Sample: L2352248-04 Client ID: DUP Sample						
Solids, Total	91.4	91.2	%	0		20

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354121-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2354121-01B	Vial Large Septa unpreserved (4oz)	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-01C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2354121-01X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-01Y	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-01Z	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2354121-02B	Vial Large Septa unpreserved (4oz)	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-02C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2354121-02X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-02Y	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-02Z	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2354121-03B	Vial Large Septa unpreserved (4oz)	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-03C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2354121-03X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-03Y	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-03Z	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354121-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2354121-04B	Vial Large Septa unpreserved (4oz)	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-04C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2354121-04X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-04Y	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-04Z	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2354121-05B	Vial Large Septa unpreserved (4oz)	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-05C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2354121-05X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-05Y	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-05Z	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2354121-06B	Vial Large Septa unpreserved (4oz)	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-06C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2354121-06X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-06Y	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-06Z	Vial Water preserved split	B	NA		2.6	Y	Absent	**19-SEP-23 20:57**	NYTCL-8260-R2(14)
L2354121-07A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-07B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-07C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-07D	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		NYCP51-PAHSIM-LVI(7)
L2354121-07E	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		NYCP51-PAHSIM-LVI(7)
L2354121-08A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-08B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2354121-08C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 26 AND 60 EVANS STREET
Project Number: 0666-023-003-001-003

Lab Number: L2354121
Report Date: 09/26/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354121-08D	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		NYCP51-PAHSIM-LVI(7)
L2354121-08E	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		NYCP51-PAHSIM-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

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:	26 AND 60 EVANS STREET	**Lab Number:**	L2354121
Project Number:	0666-023-003-001-003	**Report Date:**	09/26/23

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 9/16/23

ALPHA Job #: L2354121

Client Information
Client: Roux Environmental
Address: 2558 Hamburg Tpke Suite 300 Buffalo, NY
Phone: (716) 856-0599
Fax: (716) 856-0583
Email: cboron@rouxinc.com

Project Information
Project Name: 26 and 60 Evans Street
Project Location: Batavia, NY
Project #: 0666-023-003-001-003
(Use Project name as Project #) ☐
Project Manager: Chris Boron
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:
CAT B + EQUIS

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	TCL VOCs + TICs	CP-51 SVOCs + TICs	RCRA Metals	PCBs	Sample Specific Comments	Total Bottle
54121-01	TP-1 2-4 FT	09-14-23	0943	Soil	EAS	X	X	X	X		3
-02	TP-2 0-1 FT	09-14-23	0954	Soil	EAS	X	X	X			3
-03	TP-3 1.66-2.5 FT	09-14-23	1035	Soil	EAS	X	X	X			3
-04	TP-4 4-5.5 FT	09-14-23	1115	Soil	EAS	X	X	X			3
-05	TP-6 9-10 FT	09-14-23	1230	Soil	EAS	X	X	X			3
-06	TP-10 4.5-6 FT	09-14-23	1515	Soil	EAS	X	X	X	X		3
-07	TP-6W	09-14-23	1540	Water	EAS	X	X			VOC analysis preserved w/ HCl	5
-08	TP-10W	09-14-23	1523	Water	EAS	X	X			VOC analysis preserved w/ HCl	5

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	A/V	A	A	A
Preservative	A/B	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	9/15/23 10:45		
AAL	9/15/23 1430	AAL	9/16/23 02:00

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.)

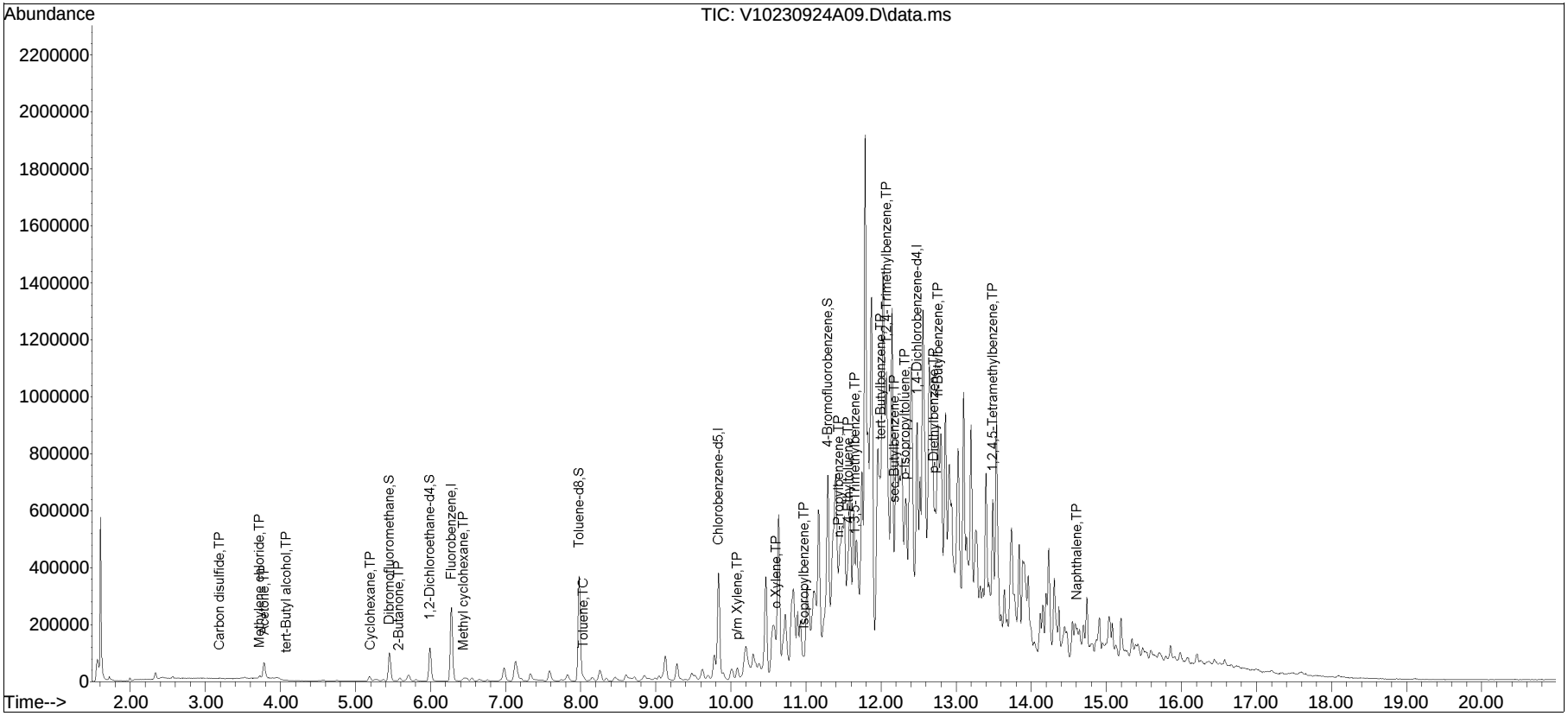
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA110\2023\230924A\
Data File : V10230924A09.D
Acq On : 24 Sep 2023 4:39 pm
Operator : VOA110:AJK
Sample : L2354121-06,31,6.16,5,,Y
Misc : WG1831599,ICAL20384
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 08:09:23 2023
Quant Method : K:\VOA110\2023\230924A\V110_230918A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 19 10:43:27 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox24A01.D•



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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Christopher Z Boron
Roux Environmental Engineering and Geology DPC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Generated 2/21/2024 3:46:36 PM

JOB DESCRIPTION

26 & 60 Evans St. site

JOB NUMBER

480-217086-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Eurofins Buffalo

Job Notes

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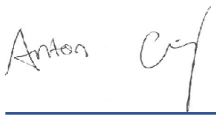
Authorization



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Authorized for release by
Anton Gruning, Project Management Assistant I
Anton.Gruning@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

Table of Contents

Definitions/Glossary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-217086-1 Eurofins Buffalo

Job Narrative
480-217086-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/14/2024 10:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-700987 recovered outside acceptance criteria, low biased, for Trichlorofluoromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260C: The following samples were analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: SB-8 9.5-11FT (480-217086-2), SB-10 9-11FT (480-217086-3) and SB-2 5-7FT (480-217086-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-701023 and analytical batch 480-700987 recovered outside control limits for the following analytes: Carbon tetrachloride, Chlorodibromomethane, Bromoform, and 1,2-Dibromo-3-Chloropropane.

Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-701023 and analytical batch 480-700987 recovered outside control limits for the following analytes: Carbon tetrachloride, Chlorodibromomethane, Bromoform, and 1,2-Dibromo-3-Chloropropane.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-700987 recovered outside acceptance criteria, low biased, for Trichlorofluoromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: SB-8 9.5-11FT (480-217086-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270D: Due to the matrix, the following sample could not be concentrated to the final method required volume: SB-13 0-2FT (480-217086-4). The reporting limits (RLs) are elevated proportionately.

Method 8270D: The following sample was diluted due to color, appearance and viscosity: SB-1 6-8FT (480-217086-1). Elevated reporting limits (RL) are provided.

Method 8270D: The following sample was diluted due to color, appearance and viscosity: SB-13 0-2FT (480-217086-4). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Job ID: 480-217086-1 (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-1 6-8FT
Lab Sample ID: 480-217086-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.9	J vs	29	2.1	ug/Kg	1	☼	8260C	Total/NA
Acetone	27	J vs	29	4.9	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	1800		980	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	2000		980	240	ug/Kg	5	☼	8270D	Total/NA
Chrysene	250	J	980	220	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	560	J	980	100	ug/Kg	5	☼	8270D	Total/NA
Fluorene	4100		980	120	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	1300		980	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	6500		980	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	2200		980	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	244		2.5	0.50	mg/Kg	1	☼	6010C	Total/NA
Barium	359		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	115		0.25	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	135		0.62	0.25	mg/Kg	1	☼	6010C	Total/NA
Lead	728		1.2	0.30	mg/Kg	1	☼	6010C	Total/NA
Selenium	224		5.0	0.50	mg/Kg	1	☼	6010C	Total/NA
Silver	12.3		0.75	0.25	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.058		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-8 9.5-11FT
Lab Sample ID: 480-217086-2

No Detections.

Client Sample ID: SB-10 9-11FT
Lab Sample ID: 480-217086-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	140	J	510	110	ug/Kg	4	☼	8260C	Total/NA
Isopropylbenzene	84	J	510	76	ug/Kg	4	☼	8260C	Total/NA
Methylcyclohexane	730		510	240	ug/Kg	4	☼	8260C	Total/NA
Anthracene	160	J	200	48	ug/Kg	1	☼	8270D	Total/NA
Chrysene	71	J	200	44	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	550		200	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	92	J	200	23	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-13 0-2FT
Lab Sample ID: 480-217086-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	3900	J	21000	2100	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	4600	J	21000	3000	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	5000	J	21000	3300	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	4300	J	21000	2200	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	3000	J	21000	2700	ug/Kg	10	☼	8270D	Total/NA
Chrysene	5100	J	21000	4600	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	7900	J	21000	2200	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	5900	J	21000	3000	ug/Kg	10	☼	8270D	Total/NA
Pyrene	7600	J	21000	2400	ug/Kg	10	☼	8270D	Total/NA
Arsenic	264		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	412		0.66	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	127		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	142		0.66	0.26	mg/Kg	1	☼	6010C	Total/NA
Lead	392		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	250		5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Silver	13.0		0.79	0.26	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SB-13 0-2FT (Continued) — Lab Sample ID: 480-217086-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.10		0.026	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-11 0-2FT — Lab Sample ID: 480-217086-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15.4		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	146		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.16	J	0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.5		0.59	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	267		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.9	J	4.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Silver	0.83		0.70	0.23	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.093		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-4 0.5-2FT — Lab Sample ID: 480-217086-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.6		2.2	0.45	mg/Kg	1	☼	6010C	Total/NA
Barium	116		0.56	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.41		0.22	0.033	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.8		0.56	0.22	mg/Kg	1	☼	6010C	Total/NA
Lead	55.1		1.1	0.27	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.79	J	4.5	0.45	mg/Kg	1	☼	6010C	Total/NA
Silver	0.71		0.67	0.22	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.18		0.021	0.0048	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-2 5-7FT — Lab Sample ID: 480-217086-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-1 6-8FT
Lab Sample ID: 480-217086-1
Date Collected: 02/09/24 09:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,1,2-Trichloroethane	ND	vs	5.8	0.76	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,2-Dichlorobenzene	ND	vs	5.8	0.46	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
2-Butanone (MEK)	**4.9**	**J vs**	29	2.1	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Acetone	**27**	**J vs**	29	4.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Benzene	ND	vs	5.8	0.29	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Chloroform	ND	vs	5.8	0.36	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Chloromethane	ND	vs	5.8	0.35	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.84	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
1,2-Dibromoethane	ND	vs	5.8	0.75	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Isopropylbenzene	ND	vs	5.8	0.88	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.6	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	02/18/24 06:51	02/18/24 11:34	1

Client Sample ID: SB-1 6-8FT
Date Collected: 02/09/24 09:00
Date Received: 02/14/24 10:30

Lab Sample ID: 480-217086-1
Matrix: Solid
Percent Solids: 84.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	02/18/24 06:51	02/18/24 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		71 - 125	02/18/24 06:51	02/18/24 11:34	1
1,2-Dichloroethane-d4 (Surr)	110		64 - 126	02/18/24 06:51	02/18/24 11:34	1
4-Bromofluorobenzene (Surr)	102		72 - 126	02/18/24 06:51	02/18/24 11:34	1
Dibromofluoromethane (Surr)	110		60 - 140	02/18/24 06:51	02/18/24 11:34	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1800**		980	140	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Acenaphthylene	ND		980	130	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Anthracene	**2000**		980	240	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Benzo[a]anthracene	ND		980	98	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Benzo[a]pyrene	ND		980	140	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Benzo[b]fluoranthene	ND		980	160	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Benzo[g,h,i]perylene	ND		980	100	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Benzo[k]fluoranthene	ND		980	130	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Chrysene	**250**	**J**	980	220	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Dibenz(a,h)anthracene	ND		980	170	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Fluoranthene	**560**	**J**	980	100	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Fluorene	**4100**		980	120	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Indeno[1,2,3-cd]pyrene	ND		980	120	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Naphthalene	**1300**		980	130	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Phenanthrene	**6500**		980	140	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5
Pyrene	**2200**		980	120	ug/Kg	☼	02/15/24 16:28	02/16/24 21:27	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	9300	T J	ug/Kg	☼	6.73	N/A	02/15/24 16:28	02/16/24 21:27	5
1H-Indene, 2,3-dihydro-1,2-dimethyl-	8500	T J N	ug/Kg	☼	7.24	17057-82-8	02/15/24 16:28	02/16/24 21:27	5
Undecane, 2,6-dimethyl-	8600	T J N	ug/Kg	☼	7.30	17301-23-4	02/15/24 16:28	02/16/24 21:27	5
Unknown	10000	T J	ug/Kg	☼	7.51	N/A	02/15/24 16:28	02/16/24 21:27	5
1,4-Methanonaphthalene, 1,4-dihydro-	18000	T J N	ug/Kg	☼	8.13	4453-90-1	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 2-ethyl-	12000	T J N	ug/Kg	☼	8.67	939-27-5	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 2,6-dimethyl-	20000	T J N	ug/Kg	☼	8.76	581-42-0	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 2,3-dimethyl-	24000	T J N	ug/Kg	☼	8.84	581-40-8	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 1,7-dimethyl-	19000	T J N	ug/Kg	☼	8.88	575-37-1	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 1,3-dimethyl-	21000	T J N	ug/Kg	☼	8.98	575-41-7	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 1,5-dimethyl-	10000	T J N	ug/Kg	☼	9.07	571-61-9	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 2-(1-methylethyl)-	15000	T J N	ug/Kg	☼	9.37	2027-17-0	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 1,6,7-trimethyl-	16000	T J N	ug/Kg	☼	9.48	2245-38-7	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 2,3,6-trimethyl-	14000	T J N	ug/Kg	☼	9.53	829-26-5	02/15/24 16:28	02/16/24 21:27	5
Naphthalene, 1,4,6-trimethyl-	11000	T J N	ug/Kg	☼	9.62	2131-42-2	02/15/24 16:28	02/16/24 21:27	5
Unknown	17000	T J	ug/Kg	☼	9.72	N/A	02/15/24 16:28	02/16/24 21:27	5
Unknown	8400	T J	ug/Kg	☼	10.05	N/A	02/15/24 16:28	02/16/24 21:27	5
Unknown	9000	T J	ug/Kg	☼	10.19	N/A	02/15/24 16:28	02/16/24 21:27	5
Azulene, 7-ethyl-1,4-dimethyl-	8700	T J N	ug/Kg	☼	10.29	529-05-5	02/15/24 16:28	02/16/24 21:27	5
Phenanthrene, 1-methyl-	9300	T J N	ug/Kg	☼	11.38	832-69-9	02/15/24 16:28	02/16/24 21:27	5

Client Sample ID: SB-1 6-8FT
Date Collected: 02/09/24 09:00
Date Received: 02/14/24 10:30

Lab Sample ID: 480-217086-1
Matrix: Solid
Percent Solids: 84.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*96*		*60 - 120*	*02/15/24 16:28*	*02/16/24 21:27*	*5*
Nitrobenzene-d5 (Surr)	*95*		*53 - 120*	*02/15/24 16:28*	*02/16/24 21:27*	*5*
p-Terphenyl-d14 (Surr)	*98*		*79 - 130*	*02/15/24 16:28*	*02/16/24 21:27*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**244**		2.5	0.50	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1
Barium	**359**		0.62	0.14	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1
Cadmium	**115**		0.25	0.037	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1
Chromium	**135**		0.62	0.25	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1
Lead	**728**		1.2	0.30	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1
Selenium	**224**		5.0	0.50	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1
Silver	**12.3**		0.75	0.25	mg/Kg	☼	02/15/24 13:38	02/19/24 20:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.058**		0.024	0.0055	mg/Kg	☼	02/15/24 11:18	02/15/24 15:25	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-8 9.5-11FT
Lab Sample ID: 480-217086-2
Date Collected: 02/09/24 12:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		260	71	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,1,2,2-Tetrachloroethane	ND		260	41	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,1,2-Trichloroethane	ND		260	54	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		260	130	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,1-Dichloroethane	ND		260	79	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,1-Dichloroethene	ND		260	88	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,2,4-Trichlorobenzene	ND		260	97	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,2-Dibromo-3-Chloropropane	ND	*1	260	130	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,2-Dichlorobenzene	ND		260	65	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,2-Dichloroethane	ND		260	100	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,2-Dichloropropane	ND		260	41	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,3-Dichlorobenzene	ND		260	68	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,4-Dichlorobenzene	ND		260	36	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
2-Butanone (MEK)	ND		1300	760	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
2-Hexanone	ND		1300	520	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
4-Methyl-2-pentanone (MIBK)	ND		1300	82	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Acetone	ND		1300	1000	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Benzene	ND		260	48	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Bromodichloromethane	ND		260	51	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Bromoform	ND	*1	260	130	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Bromomethane	ND		260	56	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Carbon disulfide	ND		260	120	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Carbon tetrachloride	ND	*1	260	65	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Chlorobenzene	ND		260	34	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Dibromochloromethane	ND	*1	260	120	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Chloroethane	ND		260	53	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Chloroform	ND		260	170	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Chloromethane	ND		260	61	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
cis-1,2-Dichloroethene	ND		260	70	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
cis-1,3-Dichloropropene	ND		260	61	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Cyclohexane	ND		260	57	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Dichlorodifluoromethane	ND		260	110	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Ethylbenzene	ND		260	74	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
1,2-Dibromoethane	ND		260	45	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Isopropylbenzene	ND		260	38	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Methyl acetate	ND		1300	120	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Methyl tert-butyl ether	ND		260	96	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Methylcyclohexane	ND		260	120	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Methylene Chloride	ND		260	50	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Styrene	ND		260	61	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Tetrachloroethene	ND		260	34	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Toluene	ND		260	68	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
trans-1,2-Dichloroethene	ND		260	60	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
trans-1,3-Dichloropropene	ND		260	25	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Trichloroethene	ND		260	71	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Trichlorofluoromethane	ND		260	120	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Vinyl chloride	ND		260	85	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2
Xylenes, Total	ND		510	140	ug/Kg	☼	02/16/24 10:04	02/16/24 14:59	2

Client Sample ID: SB-8 9.5-11FT
Date Collected: 02/09/24 12:00
Date Received: 02/14/24 10:30

Lab Sample ID: 480-217086-2
Matrix: Solid
Percent Solids: 84.5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Cyclohexane, pentyl-	2400	T J N	ug/Kg	☼	11.12	4292-92-6	02/16/24 10:04	02/16/24 14:59	2
Unknown	2000	T J	ug/Kg	☼	11.58	N/A	02/16/24 10:04	02/16/24 14:59	2
Unknown	4600	T J	ug/Kg	☼	11.70	N/A	02/16/24 10:04	02/16/24 14:59	2
1H-Indene, 2,3-dihydro-1,6-dimethyl-	2500	T J N	ug/Kg	☼	12.03	17059-48-2	02/16/24 10:04	02/16/24 14:59	2
Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	2100	T J N	ug/Kg	☼	12.25	3877-19-8	02/16/24 10:04	02/16/24 14:59	2
Unknown	3500	T J	ug/Kg	☼	12.64	N/A	02/16/24 10:04	02/16/24 14:59	2
Unknown	2300	T J	ug/Kg	☼	12.81	N/A	02/16/24 10:04	02/16/24 14:59	2
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	3100	T J N	ug/Kg	☼	12.92	2613-76-5	02/16/24 10:04	02/16/24 14:59	2
Unknown	1900	T J	ug/Kg	☼	13.06	N/A	02/16/24 10:04	02/16/24 14:59	2
Naphthalene, 1,2,3,4-tetrahydro-1,4-dimethyl-	1800	T J N	ug/Kg	☼	13.64	4175-54-6	02/16/24 10:04	02/16/24 14:59	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		50 - 149	02/16/24 10:04	02/16/24 14:59	2
1,2-Dichloroethane-d4 (Surr)	88		53 - 146	02/16/24 10:04	02/16/24 14:59	2
4-Bromofluorobenzene (Surr)	88		49 - 148	02/16/24 10:04	02/16/24 14:59	2
Dibromofluoromethane (Surr)	82		60 - 140	02/16/24 10:04	02/16/24 14:59	2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		200	29	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Acenaphthylene	ND		200	25	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Anthracene	ND		200	48	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Benzo[a]pyrene	ND		200	29	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Benzo[b]fluoranthene	ND		200	31	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Benzo[g,h,i]perylene	ND		200	21	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Benzo[k]fluoranthene	ND		200	25	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Chrysene	ND		200	44	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Fluoranthene	ND		200	21	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Fluorene	ND		200	23	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Indeno[1,2,3-cd]pyrene	ND		200	24	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Naphthalene	ND		200	25	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Phenanthrene	ND		200	29	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1
Pyrene	ND		200	23	ug/Kg	☼	02/15/24 16:28	02/16/24 21:51	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	170	T J	ug/Kg	☼	1.72	N/A	02/15/24 16:28	02/16/24 21:51	1
Unknown	3700	T J	ug/Kg	☼	1.92	N/A	02/15/24 16:28	02/16/24 21:51	1
Unknown	180	T J	ug/Kg	☼	3.30	N/A	02/15/24 16:28	02/16/24 21:51	1
Unknown	520	T J	ug/Kg	☼	3.32	N/A	02/15/24 16:28	02/16/24 21:51	1
Phenol, 2-fluoro-	1100	T J N	ug/Kg	☼	3.85	367-12-4	02/15/24 16:28	02/16/24 21:51	1
Unknown	1100	T J	ug/Kg	☼	5.18	N/A	02/15/24 16:28	02/16/24 21:51	1
Unknown	270	T J	ug/Kg	☼	7.73	N/A	02/15/24 16:28	02/16/24 21:51	1
Heptylcyclohexane	270	T J N	ug/Kg	☼	8.27	5617-41-4	02/15/24 16:28	02/16/24 21:51	1
Unknown	230	T J	ug/Kg	☼	8.59	N/A	02/15/24 16:28	02/16/24 21:51	1
Decane, 5-propyl-	370	T J N	ug/Kg	☼	8.97	17312-62-8	02/15/24 16:28	02/16/24 21:51	1
Unknown	410	T J	ug/Kg	☼	10.05	N/A	02/15/24 16:28	02/16/24 21:51	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-8 9.5-11FT
Lab Sample ID: 480-217086-2
Date Collected: 02/09/24 12:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Phenol, 2,4,6-tribromo-	530	T J N	ug/Kg	☼	10.12	118-79-6	02/15/24 16:28	02/16/24 21:51	1
Pentadecane, 2,6,10,14-tetramethyl-	680	T J N	ug/Kg	☼	10.34	1921-70-6	02/15/24 16:28	02/16/24 21:51	1
Hexadecane, 2,6,10,14-tetramethyl-	330	T J N	ug/Kg	☼	10.82	638-36-8	02/15/24 16:28	02/16/24 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	96		60 - 120	02/15/24 16:28	02/16/24 21:51	1
Nitrobenzene-d5 (Surr)	102		53 - 120	02/15/24 16:28	02/16/24 21:51	1
p-Terphenyl-d14 (Surr)	101		79 - 130	02/15/24 16:28	02/16/24 21:51	1

Client Sample ID: SB-10 9-11FT
Lab Sample ID: 480-217086-3
Date Collected: 02/09/24 14:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		510	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,1,2,2-Tetrachloroethane	ND		510	83	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,1,2-Trichloroethane	ND		510	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		510	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,1-Dichloroethane	ND		510	160	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,1-Dichloroethene	ND		510	180	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,2,4-Trichlorobenzene	ND		510	190	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,2-Dibromo-3-Chloropropane	ND	*1	510	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,2-Dichlorobenzene	ND		510	130	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,2-Dichloroethane	ND		510	210	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,2-Dichloropropane	ND		510	82	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,3-Dichlorobenzene	ND		510	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,4-Dichlorobenzene	ND		510	71	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
2-Butanone (MEK)	ND		2500	1500	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
2-Hexanone	ND		2500	1000	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
4-Methyl-2-pentanone (MIBK)	ND		2500	160	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Acetone	ND		2500	2100	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Benzene	ND		510	97	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Bromodichloromethane	ND		510	100	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Bromoform	ND	*1	510	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Bromomethane	ND		510	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Carbon disulfide	ND		510	230	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Carbon tetrachloride	ND	*1	510	130	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Chlorobenzene	ND		510	67	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Dibromochloromethane	ND	*1	510	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Chloroethane	ND		510	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Chloroform	ND		510	350	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Chloromethane	ND		510	120	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
cis-1,2-Dichloroethene	ND		510	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
cis-1,3-Dichloropropene	ND		510	120	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Cyclohexane	**140**	**J**	510	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Dichlorodifluoromethane	ND		510	220	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Ethylbenzene	ND		510	150	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
1,2-Dibromoethane	ND		510	89	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Isopropylbenzene	**84**	**J**	510	76	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Methyl acetate	ND		2500	240	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Methyl tert-butyl ether	ND		510	190	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Methylcyclohexane	**730**		510	240	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Methylene Chloride	ND		510	100	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Styrene	ND		510	120	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Tetrachloroethene	ND		510	68	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Toluene	ND		510	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
trans-1,2-Dichloroethene	ND		510	120	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
trans-1,3-Dichloropropene	ND		510	50	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Trichloroethene	ND		510	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Trichlorofluoromethane	ND		510	240	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Vinyl chloride	ND		510	170	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4
Xylenes, Total	ND		1000	280	ug/Kg	☼	02/16/24 10:04	02/16/24 15:22	4

Client Sample ID: SB-10 9-11FT
Date Collected: 02/09/24 14:00
Date Received: 02/14/24 10:30

Lab Sample ID: 480-217086-3
Matrix: Solid
Percent Solids: 84.5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Undecane, 2,6-dimethyl-	26000	T J N	ug/Kg	☼	11.70	17301-23-4	02/16/24 10:04	02/16/24 15:22	4
1H-Indene, 2,3-dihydro-1,6-dimethyl-	15000	T J N	ug/Kg	☼	12.03	17059-48-2	02/16/24 10:04	02/16/24 15:22	4
Unknown	14000	T J	ug/Kg	☼	12.13	N/A	02/16/24 10:04	02/16/24 15:22	4
Unknown	16000	T J	ug/Kg	☼	12.24	N/A	02/16/24 10:04	02/16/24 15:22	4
1H-Indene, 2,3-dihydro-4,7-dimethyl-	13000	T J N	ug/Kg	☼	12.33	6682-71-9	02/16/24 10:04	02/16/24 15:22	4
1H-Indene, 2,3-dihydro-5,6-dimethyl-	13000	T J N	ug/Kg	☼	12.48	1075-22-5	02/16/24 10:04	02/16/24 15:22	4
Unknown	19000	T J	ug/Kg	☼	12.64	N/A	02/16/24 10:04	02/16/24 15:22	4
Unknown	15000	T J	ug/Kg	☼	12.75	N/A	02/16/24 10:04	02/16/24 15:22	4
Unknown	23000	T J	ug/Kg	☼	12.92	N/A	02/16/24 10:04	02/16/24 15:22	4
Naphthalene, 1,2,3,4-tetrahydro-1,4-dimethyl-	18000	T J N	ug/Kg	☼	13.06	4175-54-6	02/16/24 10:04	02/16/24 15:22	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		50 - 149	02/16/24 10:04	02/16/24 15:22	4
1,2-Dichloroethane-d4 (Surr)	86		53 - 146	02/16/24 10:04	02/16/24 15:22	4
4-Bromofluorobenzene (Surr)	90		49 - 148	02/16/24 10:04	02/16/24 15:22	4
Dibromofluoromethane (Surr)	79		60 - 140	02/16/24 10:04	02/16/24 15:22	4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		200	29	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Acenaphthylene	ND		200	25	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Anthracene	**160**	**J**	200	48	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Benzo[a]pyrene	ND		200	29	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Benzo[b]fluoranthene	ND		200	31	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Benzo[g,h,i]perylene	ND		200	21	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Benzo[k]fluoranthene	ND		200	25	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Chrysene	**71**	**J**	200	44	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Fluoranthene	ND		200	21	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Fluorene	ND		200	23	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Indeno[1,2,3-cd]pyrene	ND		200	24	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Naphthalene	ND		200	25	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Phenanthrene	**550**		200	29	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1
Pyrene	**92**	**J**	200	23	ug/Kg	☼	02/15/24 16:28	02/16/24 22:14	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	3400	T J	ug/Kg	☼	1.93	N/A	02/15/24 16:28	02/16/24 22:14	1
Unknown	5300	T J	ug/Kg	☼	6.73	N/A	02/15/24 16:28	02/16/24 22:14	1
Unknown	3900	T J	ug/Kg	☼	6.84	N/A	02/15/24 16:28	02/16/24 22:14	1
Dodecane, 6-methyl-	13000	T J N	ug/Kg	☼	7.31	6044-71-9	02/15/24 16:28	02/16/24 22:14	1
Unknown	4000	T J	ug/Kg	☼	7.37	N/A	02/15/24 16:28	02/16/24 22:14	1
Cyclohexane, hexyl-	3400	T J N	ug/Kg	☼	7.56	4292-75-5	02/15/24 16:28	02/16/24 22:14	1
Unknown	6800	T J	ug/Kg	☼	7.74	N/A	02/15/24 16:28	02/16/24 22:14	1
Tetradecane	3100	T J N	ug/Kg	☼	8.06	629-59-4	02/15/24 16:28	02/16/24 22:14	1
Heptylcyclohexane	7100	T J N	ug/Kg	☼	8.29	5617-41-4	02/15/24 16:28	02/16/24 22:14	1
Unknown	5400	T J	ug/Kg	☼	8.63	N/A	02/15/24 16:28	02/16/24 22:14	1
Cyclohexane, octyl-	4100	T J N	ug/Kg	☼	8.97	1795-15-9	02/15/24 16:28	02/16/24 22:14	1
Unknown	11000	T J	ug/Kg	☼	9.00	N/A	02/15/24 16:28	02/16/24 22:14	1
Unknown	6000	T J	ug/Kg	☼	9.27	N/A	02/15/24 16:28	02/16/24 22:14	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-10 9-11FT
Lab Sample ID: 480-217086-3
Date Collected: 02/09/24 14:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	4100	T J	ug/Kg	☼	9.55	N/A	02/15/24 16:28	02/16/24 22:14	1
Unknown	3900	T J	ug/Kg	☼	9.87	N/A	02/15/24 16:28	02/16/24 22:14	1
Pentadecane, 2,6,10-trimethyl-	11000	T J N	ug/Kg	☼	10.08	3892-00-0	02/15/24 16:28	02/16/24 22:14	1
Cyclohexane, decyl-	3800	T J N	ug/Kg	☼	10.18	1795-16-0	02/15/24 16:28	02/16/24 22:14	1
Heptadecane, 2,6-dimethyl-	16000	T J N	ug/Kg	☼	10.38	54105-67-8	02/15/24 16:28	02/16/24 22:14	1
Pentadecane	3600	T J N	ug/Kg	☼	11.66	629-62-9	02/15/24 16:28	02/16/24 22:14	1
Hexadecane, 2,6,10,14-tetramethyl-	3700	T J N	ug/Kg	☼	11.86	638-36-8	02/15/24 16:28	02/16/24 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		60 - 120	02/15/24 16:28	02/16/24 22:14	1
Nitrobenzene-d5 (Surr)	101		53 - 120	02/15/24 16:28	02/16/24 22:14	1
p-Terphenyl-d14 (Surr)	96		79 - 130	02/15/24 16:28	02/16/24 22:14	1

Client Sample ID: SB-13 0-2FT
Date Collected: 02/09/24 15:00
Date Received: 02/14/24 10:30

Lab Sample ID: 480-217086-4
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		21000	3000	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Acenaphthylene	ND		21000	2700	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Anthracene	ND		21000	5100	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Benzo[a]anthracene	**3900**	**J**	21000	2100	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Benzo[a]pyrene	**4600**	**J**	21000	3000	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Benzo[b]fluoranthene	**5000**	**J**	21000	3300	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Benzo[g,h,i]perylene	**4300**	**J**	21000	2200	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Benzo[k]fluoranthene	**3000**	**J**	21000	2700	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Chrysene	**5100**	**J**	21000	4600	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Dibenz(a,h)anthracene	ND		21000	3600	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Fluoranthene	**7900**	**J**	21000	2200	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Fluorene	ND		21000	2400	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Indeno[1,2,3-cd]pyrene	ND		21000	2600	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Naphthalene	ND		21000	2700	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Phenanthrene	**5900**	**J**	21000	3000	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10
Pyrene	**7600**	**J**	21000	2400	ug/Kg	☼	02/15/24 16:28	02/16/24 22:39	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*02/15/24 16:28*	*02/16/24 22:39*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*60 - 120*	*02/15/24 16:28*	*02/16/24 22:39*	*10*
Nitrobenzene-d5 (Surr)	*78*		*53 - 120*	*02/15/24 16:28*	*02/16/24 22:39*	*10*
p-Terphenyl-d14 (Surr)	*105*		*79 - 130*	*02/15/24 16:28*	*02/16/24 22:39*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**264**		2.6	0.52	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1
Barium	**412**		0.66	0.14	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1
Cadmium	**127**		0.26	0.039	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1
Chromium	**142**		0.66	0.26	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1
Lead	**392**		1.3	0.31	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1
Selenium	**250**		5.2	0.52	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1
Silver	**13.0**		0.79	0.26	mg/Kg	☼	02/15/24 13:38	02/19/24 20:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.026	0.0059	mg/Kg	☼	02/15/24 11:18	02/15/24 15:29	1

Client Sample Results

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-11 0-2FT
Lab Sample ID: 480-217086-5
Date Collected: 02/09/24 14:30
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 88.9

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.4		2.3	0.47	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1
Barium	146		0.59	0.13	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1
Cadmium	0.16	J	0.23	0.035	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1
Chromium	12.5		0.59	0.23	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1
Lead	267		1.2	0.28	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1
Selenium	2.9	J	4.7	0.47	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1
Silver	0.83		0.70	0.23	mg/Kg	☼	02/15/24 13:38	02/19/24 20:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.093		0.023	0.0052	mg/Kg	☼	02/15/24 11:18	02/15/24 15:31	1

Client Sample Results

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-4 0.5-2FT
Lab Sample ID: 480-217086-6

Date Collected: 02/09/24 10:30
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 85.8

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		2.2	0.45	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1
Barium	116		0.56	0.12	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1
Cadmium	0.41		0.22	0.033	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1
Chromium	9.8		0.56	0.22	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1
Lead	55.1		1.1	0.27	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1
Selenium	0.79	J	4.5	0.45	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1
Silver	0.71		0.67	0.22	mg/Kg	☼	02/15/24 13:38	02/19/24 20:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.021	0.0048	mg/Kg	☼	02/15/24 11:18	02/15/24 15:32	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-2 5-7FT
Lab Sample ID: 480-217086-7
Date Collected: 02/09/24 10:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 81.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		530	150	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,1,2,2-Tetrachloroethane	ND		530	87	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,1,2-Trichloroethane	ND		530	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		530	270	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,1-Dichloroethane	ND		530	170	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,1-Dichloroethene	ND		530	180	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,2,4-Trichlorobenzene	ND		530	200	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,2-Dibromo-3-Chloropropane	ND	*1	530	270	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,2-Dichlorobenzene	ND		530	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,2-Dichloroethane	ND		530	220	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,2-Dichloropropane	ND		530	87	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,3-Dichlorobenzene	ND		530	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,4-Dichlorobenzene	ND		530	75	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
2-Butanone (MEK)	ND		2700	1600	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
2-Hexanone	ND		2700	1100	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
4-Methyl-2-pentanone (MIBK)	ND		2700	170	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Acetone	ND		2700	2200	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Benzene	ND		530	100	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Bromodichloromethane	ND		530	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Bromoform	ND	*1	530	270	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Bromomethane	ND		530	120	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Carbon disulfide	ND		530	240	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Carbon tetrachloride	ND	*1	530	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Chlorobenzene	ND		530	71	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Dibromochloromethane	ND	*1	530	260	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Chloroethane	ND		530	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Chloroform	ND		530	370	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Chloromethane	ND		530	130	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
cis-1,2-Dichloroethene	ND		530	150	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
cis-1,3-Dichloropropene	ND		530	130	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Cyclohexane	ND		530	120	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Dichlorodifluoromethane	ND		530	230	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Ethylbenzene	ND		530	160	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
1,2-Dibromoethane	ND		530	94	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Isopropylbenzene	ND		530	80	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Methyl acetate	ND		2700	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Methyl tert-butyl ether	ND		530	200	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Methylcyclohexane	ND		530	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Methylene Chloride	ND		530	110	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Styrene	ND		530	130	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Tetrachloroethene	ND		530	72	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Toluene	ND		530	140	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
trans-1,2-Dichloroethene	ND		530	130	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
trans-1,3-Dichloropropene	ND		530	53	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Trichloroethene	ND		530	150	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Trichlorofluoromethane	ND		530	250	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Vinyl chloride	ND		530	180	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4
Xylenes, Total	ND		1100	300	ug/Kg	☼	02/16/24 10:04	02/16/24 15:45	4

Client Sample ID: SB-2 5-7FT
Lab Sample ID: 480-217086-7

Date Collected: 02/09/24 10:00
Matrix: Solid

Date Received: 02/14/24 10:30
Percent Solids: 81.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
trans-Decalin, 2-methyl-	3800	T J N	ug/Kg	☼	11.02	1000152-47-3	02/16/24 10:04	02/16/24 15:45	4
Naphthalene, decahydro-2,6-dimethyl-	3700	T J N	ug/Kg	☼	11.57	1618-22-0	02/16/24 10:04	02/16/24 15:45	4
Unknown	10000	T J	ug/Kg	☼	11.70	N/A	02/16/24 10:04	02/16/24 15:45	4
Unknown	4400	T J	ug/Kg	☼	12.13	N/A	02/16/24 10:04	02/16/24 15:45	4
Trans, trans-2-ethylbicyclo[4.4.0]decane	5000	T J N	ug/Kg	☼	12.24	66660-37-5	02/16/24 10:04	02/16/24 15:45	4
Unknown	4900	T J	ug/Kg	☼	12.58	N/A	02/16/24 10:04	02/16/24 15:45	4
Naphthalene, 1,2,3,4-tetrahydro-2,7-dimethyl-	4000	T J N	ug/Kg	☼	13.06	13065-07-1	02/16/24 10:04	02/16/24 15:45	4
Naphthalene, 1,2,3,4-tetrahydro-5,6-dimethyl-	6500	T J N	ug/Kg	☼	13.64	20027-77-4	02/16/24 10:04	02/16/24 15:45	4
Naphthalene, 2,3-dimethyl-	4600	T J N	ug/Kg	☼	14.03	581-40-8	02/16/24 10:04	02/16/24 15:45	4
Naphthalene, 1,5-dimethyl-	3600	T J N	ug/Kg	☼	14.21	571-61-9	02/16/24 10:04	02/16/24 15:45	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		50 - 149	02/16/24 10:04	02/16/24 15:45	4
1,2-Dichloroethane-d4 (Surr)	86		53 - 146	02/16/24 10:04	02/16/24 15:45	4
4-Bromofluorobenzene (Surr)	88		49 - 148	02/16/24 10:04	02/16/24 15:45	4
Dibromofluoromethane (Surr)	83		60 - 140	02/16/24 10:04	02/16/24 15:45	4

Surrogate Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-217086-1	SB-1 6-8FT	104	110	102	110
LCS 480-701119/1-A	Lab Control Sample	101	104	100	105
MB 480-701119/2-A	Method Blank	105	102	103	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(50-149)	(53-146)	(49-148)	(60-140)
480-217086-2	SB-8 9.5-11FT	92	88	88	82
480-217086-3	SB-10 9-11FT	91	86	90	79
480-217086-7	SB-2 5-7FT	94	86	88	83
LCS 480-701023/1-A	Lab Control Sample	94	85	91	81
LCSD 480-701023/2-A	Lab Control Sample Dup	94	84	92	79
MB 480-700987/9	Method Blank	95	88	93	84
MB 480-701023/3-A	Method Blank	94	85	89	80

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(60-120)	(53-120)	(79-130)
480-217086-1	SB-1 6-8FT	96	95	98
480-217086-2	SB-8 9.5-11FT	96	102	101
480-217086-3	SB-10 9-11FT	90	101	96
480-217086-4	SB-13 0-2FT	77	78	105
LCS 480-700954/2-A	Lab Control Sample	84	83	94
MB 480-700954/1-A	Method Blank	102	89	96

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-700987/9
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.28	ug/Kg			02/16/24 13:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/Kg			02/16/24 13:57	1
1,1,2-Trichloroethane	ND		1.0	0.21	ug/Kg			02/16/24 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/Kg			02/16/24 13:57	1
1,1-Dichloroethane	ND		1.0	0.31	ug/Kg			02/16/24 13:57	1
1,1-Dichloroethene	ND		1.0	0.35	ug/Kg			02/16/24 13:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/Kg			02/16/24 13:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/Kg			02/16/24 13:57	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/Kg			02/16/24 13:57	1
1,2-Dichloroethane	ND		1.0	0.41	ug/Kg			02/16/24 13:57	1
1,2-Dichloropropane	ND		1.0	0.16	ug/Kg			02/16/24 13:57	1
1,3-Dichlorobenzene	ND		1.0	0.27	ug/Kg			02/16/24 13:57	1
1,4-Dichlorobenzene	ND		1.0	0.14	ug/Kg			02/16/24 13:57	1
2-Butanone (MEK)	ND		5.0	3.0	ug/Kg			02/16/24 13:57	1
2-Hexanone	ND		5.0	2.1	ug/Kg			02/16/24 13:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.32	ug/Kg			02/16/24 13:57	1
Acetone	ND		5.0	4.1	ug/Kg			02/16/24 13:57	1
Benzene	ND		1.0	0.19	ug/Kg			02/16/24 13:57	1
Bromodichloromethane	ND		1.0	0.20	ug/Kg			02/16/24 13:57	1
Bromoform	ND		1.0	0.50	ug/Kg			02/16/24 13:57	1
Bromomethane	ND		1.0	0.22	ug/Kg			02/16/24 13:57	1
Carbon disulfide	ND		1.0	0.46	ug/Kg			02/16/24 13:57	1
Carbon tetrachloride	ND		1.0	0.26	ug/Kg			02/16/24 13:57	1
Chlorobenzene	ND		1.0	0.13	ug/Kg			02/16/24 13:57	1
Dibromochloromethane	ND		1.0	0.48	ug/Kg			02/16/24 13:57	1
Chloroethane	ND		1.0	0.21	ug/Kg			02/16/24 13:57	1
Chloroform	ND		1.0	0.69	ug/Kg			02/16/24 13:57	1
Chloromethane	ND		1.0	0.24	ug/Kg			02/16/24 13:57	1
cis-1,2-Dichloroethene	ND		1.0	0.28	ug/Kg			02/16/24 13:57	1
cis-1,3-Dichloropropene	ND		1.0	0.24	ug/Kg			02/16/24 13:57	1
Cyclohexane	ND		1.0	0.22	ug/Kg			02/16/24 13:57	1
Dichlorodifluoromethane	ND		1.0	0.44	ug/Kg			02/16/24 13:57	1
Ethylbenzene	ND		1.0	0.29	ug/Kg			02/16/24 13:57	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			02/16/24 13:57	1
Isopropylbenzene	ND		1.0	0.15	ug/Kg			02/16/24 13:57	1
Methyl acetate	ND		5.0	0.48	ug/Kg			02/16/24 13:57	1
Methyl tert-butyl ether	ND		1.0	0.38	ug/Kg			02/16/24 13:57	1
Methylcyclohexane	ND		1.0	0.47	ug/Kg			02/16/24 13:57	1
Methylene Chloride	ND		1.0	0.20	ug/Kg			02/16/24 13:57	1
Styrene	ND		1.0	0.24	ug/Kg			02/16/24 13:57	1
Tetrachloroethene	ND		1.0	0.13	ug/Kg			02/16/24 13:57	1
Toluene	ND		1.0	0.27	ug/Kg			02/16/24 13:57	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/Kg			02/16/24 13:57	1
trans-1,3-Dichloropropene	ND		1.0	0.098	ug/Kg			02/16/24 13:57	1
Trichloroethene	ND		1.0	0.28	ug/Kg			02/16/24 13:57	1
Trichlorofluoromethane	ND		1.0	0.47	ug/Kg			02/16/24 13:57	1
Vinyl chloride	ND		1.0	0.34	ug/Kg			02/16/24 13:57	1
Xylenes, Total	ND		2.0	0.55	ug/Kg			02/16/24 13:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-700987/9
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A		02/16/24 13:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		50 - 149		02/16/24 13:57	1
1,2-Dichloroethane-d4 (Surr)	88		53 - 146		02/16/24 13:57	1
4-Bromofluorobenzene (Surr)	93		49 - 148		02/16/24 13:57	1
Dibromofluoromethane (Surr)	84		60 - 140		02/16/24 13:57	1

Lab Sample ID: MB 480-701023/3-A
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 701023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,1-Dichloroethane	ND		100	31	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,1-Dichloroethene	ND		100	35	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,2-Dichloroethane	ND		100	41	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,2-Dichloropropane	ND		100	16	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
2-Butanone (MEK)	ND		500	300	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
2-Hexanone	ND		500	210	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Acetone	ND		500	410	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Benzene	ND		100	19	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Bromodichloromethane	ND		100	20	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Bromoform	ND		100	50	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Bromomethane	ND		100	22	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Carbon disulfide	ND		100	46	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Carbon tetrachloride	ND		100	26	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Chlorobenzene	ND		100	13	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Dibromochloromethane	ND		100	48	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Chloroethane	ND		100	21	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Chloroform	ND		100	69	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Chloromethane	ND		100	24	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Cyclohexane	ND		100	22	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Ethylbenzene	ND		100	29	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
1,2-Dibromoethane	ND		100	18	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Isopropylbenzene	ND		100	15	ug/Kg		02/16/24 10:04	02/16/24 14:20	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-701023/3-A
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 701023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		500	48	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Methylcyclohexane	ND		100	47	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Methylene Chloride	ND		100	20	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Styrene	ND		100	24	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Tetrachloroethene	ND		100	13	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Toluene	ND		100	27	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Trichloroethene	ND		100	28	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Trichlorofluoromethane	ND		100	47	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Vinyl chloride	ND		100	34	ug/Kg		02/16/24 10:04	02/16/24 14:20	1
Xylenes, Total	ND		200	55	ug/Kg		02/16/24 10:04	02/16/24 14:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*			*N/A*	*02/16/24 10:04*	*02/16/24 14:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*50 - 149*	*02/16/24 10:04*	*02/16/24 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*53 - 146*	*02/16/24 10:04*	*02/16/24 14:20*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 148*	*02/16/24 10:04*	*02/16/24 14:20*	*1*
Dibromofluoromethane (Surr)	*80*		*60 - 140*	*02/16/24 10:04*	*02/16/24 14:20*	*1*

Lab Sample ID: LCS 480-701023/1-A
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 701023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2120		ug/Kg		85	68 - 130
1,1,2,2-Tetrachloroethane	2500	2600		ug/Kg		104	73 - 120
1,1,2-Trichloroethane	2500	2350		ug/Kg		94	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	1760		ug/Kg		71	10 - 179
1,1-Dichloroethane	2500	2390		ug/Kg		96	78 - 121
1,1-Dichloroethene	2500	1830		ug/Kg		73	48 - 133
1,2,4-Trichlorobenzene	2500	2770		ug/Kg		111	70 - 140
1,2-Dibromo-3-Chloropropane	2500	2030		ug/Kg		81	56 - 122
1,2-Dichlorobenzene	2500	2570		ug/Kg		103	78 - 125
1,2-Dichloroethane	2500	1950		ug/Kg		78	74 - 127
1,2-Dichloropropane	2500	2440		ug/Kg		98	80 - 120
1,3-Dichlorobenzene	2500	2630		ug/Kg		105	80 - 120
1,4-Dichlorobenzene	2500	2590		ug/Kg		103	80 - 120
2-Butanone (MEK)	12500	12100		ug/Kg		97	54 - 149
2-Hexanone	12500	12100		ug/Kg		97	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	11200		ug/Kg		89	74 - 120
Acetone	12500	10300		ug/Kg		82	47 - 141
Benzene	2500	2370		ug/Kg		95	77 - 125
Bromodichloromethane	2500	2150		ug/Kg		86	71 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-701023/1-A
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 701023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	2500	2490		ug/Kg		100	48 - 125
Bromomethane	2500	1350		ug/Kg		54	39 - 149
Carbon disulfide	2500	1870		ug/Kg		75	40 - 136
Carbon tetrachloride	2500	2180		ug/Kg		87	54 - 135
Chlorobenzene	2500	2370		ug/Kg		95	76 - 126
Dibromochloromethane	2500	2250		ug/Kg		90	64 - 120
Chloroethane	2500	1660		ug/Kg		66	23 - 150
Chloroform	2500	2090		ug/Kg		84	78 - 120
Chloromethane	2500	2470		ug/Kg		99	61 - 124
cis-1,2-Dichloroethene	2500	2240		ug/Kg		89	79 - 124
cis-1,3-Dichloropropene	2500	2330		ug/Kg		93	75 - 121
Cyclohexane	2500	2480		ug/Kg		99	49 - 129
Dichlorodifluoromethane	2500	1750		ug/Kg		70	10 - 150
Ethylbenzene	2500	2490		ug/Kg		99	78 - 124
1,2-Dibromoethane	2500	2270		ug/Kg		91	80 - 120
Isopropylbenzene	2500	2850		ug/Kg		114	76 - 120
Methyl acetate	5000	4760		ug/Kg		95	71 - 123
Methyl tert-butyl ether	2500	2090		ug/Kg		84	67 - 137
Methylcyclohexane	2500	2300		ug/Kg		92	50 - 130
Methylene Chloride	2500	2260		ug/Kg		90	75 - 118
Styrene	2500	2460		ug/Kg		98	80 - 120
Tetrachloroethene	2500	2350		ug/Kg		94	73 - 133
Toluene	2500	2490		ug/Kg		99	75 - 124
trans-1,2-Dichloroethene	2500	2300		ug/Kg		92	74 - 129
trans-1,3-Dichloropropene	2500	2200		ug/Kg		88	73 - 120
Trichloroethene	2500	2240		ug/Kg		89	75 - 131
Trichlorofluoromethane	2500	1410		ug/Kg		56	29 - 158
Vinyl chloride	2500	2300		ug/Kg		92	59 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*85*		*53 - 146*
4-Bromofluorobenzene (Surr)	*91*		*49 - 148*
Dibromofluoromethane (Surr)	*81*		*60 - 140*

Lab Sample ID: LCSD 480-701023/2-A
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 701023

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	2500	1890		ug/Kg		75	68 - 130	12	20
1,1,2,2-Tetrachloroethane	2500	2440		ug/Kg		98	73 - 120	7	20
1,1,2-Trichloroethane	2500	2370		ug/Kg		95	80 - 120	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	1750		ug/Kg		70	10 - 179	1	20
1,1-Dichloroethane	2500	2400		ug/Kg		96	78 - 121	0	20
1,1-Dichloroethene	2500	1780		ug/Kg		71	48 - 133	3	20
1,2,4-Trichlorobenzene	2500	2760		ug/Kg		111	70 - 140	0	20
1,2-Dibromo-3-Chloropropane	2500	1500	*1	ug/Kg		60	56 - 122	30	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-701023/2-A
Matrix: Solid
Analysis Batch: 700987

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 701023

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene			2500	2560		ug/Kg		102	78 - 125	1	20
1,2-Dichloroethane			2500	1950		ug/Kg		78	74 - 127	0	20
1,2-Dichloropropane			2500	2460		ug/Kg		98	80 - 120	1	20
1,3-Dichlorobenzene			2500	2630		ug/Kg		105	80 - 120	0	20
1,4-Dichlorobenzene			2500	2570		ug/Kg		103	80 - 120	1	20
2-Butanone (MEK)			12500	12400		ug/Kg		99	54 - 149	3	20
2-Hexanone			12500	12000		ug/Kg		96	59 - 127	1	20
4-Methyl-2-pentanone (MIBK)			12500	11400		ug/Kg		91	74 - 120	2	20
Acetone			12500	9690		ug/Kg		78	47 - 141	6	20
Benzene			2500	2400		ug/Kg		96	77 - 125	2	20
Bromodichloromethane			2500	1840		ug/Kg		74	71 - 121	16	20
Bromoform			2500	1820	*1	ug/Kg		73	48 - 125	31	20
Bromomethane			2500	1360		ug/Kg		54	39 - 149	1	20
Carbon disulfide			2500	1860		ug/Kg		74	40 - 136	1	20
Carbon tetrachloride			2500	1710	*1	ug/Kg		68	54 - 135	25	20
Chlorobenzene			2500	2400		ug/Kg		96	76 - 126	1	20
Dibromochloromethane			2500	1750	*1	ug/Kg		70	64 - 120	25	20
Chloroethane			2500	1430		ug/Kg		57	23 - 150	15	20
Chloroform			2500	2070		ug/Kg		83	78 - 120	1	20
Chloromethane			2500	2500		ug/Kg		100	61 - 124	1	20
cis-1,2-Dichloroethene			2500	2290		ug/Kg		92	79 - 124	3	20
cis-1,3-Dichloropropene			2500	2070		ug/Kg		83	75 - 121	12	20
Cyclohexane			2500	2580		ug/Kg		103	49 - 129	4	20
Dichlorodifluoromethane			2500	1650		ug/Kg		66	10 - 150	6	20
Ethylbenzene			2500	2520		ug/Kg		101	78 - 124	1	20
1,2-Dibromoethane			2500	2140		ug/Kg		86	80 - 120	6	20
Isopropylbenzene			2500	2860		ug/Kg		114	76 - 120	0	20
Methyl acetate			5000	4590		ug/Kg		92	71 - 123	4	20
Methyl tert-butyl ether			2500	2200		ug/Kg		88	67 - 137	5	20
Methylcyclohexane			2500	2350		ug/Kg		94	50 - 130	2	20
Methylene Chloride			2500	2300		ug/Kg		92	75 - 118	2	20
Styrene			2500	2410		ug/Kg		97	80 - 120	2	20
Tetrachloroethene			2500	2400		ug/Kg		96	73 - 133	2	20
Toluene			2500	2460		ug/Kg		98	75 - 124	1	20
trans-1,2-Dichloroethene			2500	2290		ug/Kg		92	74 - 129	1	20
trans-1,3-Dichloropropene			2500	1840		ug/Kg		74	73 - 120	18	20
Trichloroethene			2500	2290		ug/Kg		91	75 - 131	2	20
Trichlorofluoromethane			2500	1390		ug/Kg		56	29 - 158	1	20
Vinyl chloride			2500	2370		ug/Kg		95	59 - 124	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*84*		*53 - 146*
4-Bromofluorobenzene (Surr)	*92*		*49 - 148*
Dibromofluoromethane (Surr)	*79*		*60 - 140*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-701119/2-A
Matrix: Solid
Analysis Batch: 701120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 701119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
2-Hexanone	ND		25	2.5	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Acetone	ND		25	4.2	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Benzene	ND		5.0	0.25	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Bromoform	ND		5.0	2.5	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Bromomethane	ND		5.0	0.45	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Chloroethane	ND		5.0	1.1	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Chloroform	ND		5.0	0.31	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Chloromethane	ND		5.0	0.30	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Cyclohexane	ND		5.0	0.70	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Methyl acetate	ND		25	3.0	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Styrene	ND		5.0	0.25	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Toluene	ND		5.0	0.38	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Trichloroethene	ND		5.0	1.1	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		02/18/24 06:51	02/18/24 10:15	1
Xylenes, Total	ND		10	0.84	ug/Kg		02/18/24 06:51	02/18/24 10:15	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-701119/2-A
Matrix: Solid
Analysis Batch: 701120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 701119

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A	02/18/24 06:51	02/18/24 10:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		71 - 125	02/18/24 06:51	02/18/24 10:15	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	02/18/24 06:51	02/18/24 10:15	1
4-Bromofluorobenzene (Surr)	103		72 - 126	02/18/24 06:51	02/18/24 10:15	1
Dibromofluoromethane (Surr)	100		60 - 140	02/18/24 06:51	02/18/24 10:15	1

Lab Sample ID: LCS 480-701119/1-A
Matrix: Solid
Analysis Batch: 701120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 701119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	47.4		ug/Kg		95	77 - 121
1,1,2,2-Tetrachloroethane	50.0	50.2		ug/Kg		100	80 - 120
1,1,2-Trichloroethane	50.0	47.8		ug/Kg		96	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	42.6		ug/Kg		85	60 - 140
1,1-Dichloroethane	50.0	47.6		ug/Kg		95	73 - 126
1,1-Dichloroethene	50.0	44.4		ug/Kg		89	59 - 125
1,2,4-Trichlorobenzene	50.0	49.9		ug/Kg		100	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	54.2		ug/Kg		108	63 - 124
1,2-Dichlorobenzene	50.0	49.4		ug/Kg		99	75 - 120
1,2-Dichloroethane	50.0	50.1		ug/Kg		100	77 - 122
1,2-Dichloropropane	50.0	48.9		ug/Kg		98	75 - 124
1,3-Dichlorobenzene	50.0	49.7		ug/Kg		99	74 - 120
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	73 - 120
2-Butanone (MEK)	250	241		ug/Kg		96	70 - 134
2-Hexanone	250	270		ug/Kg		108	59 - 130
4-Methyl-2-pentanone (MIBK)	250	269		ug/Kg		108	65 - 133
Acetone	250	285		ug/Kg		114	61 - 137
Benzene	50.0	46.0		ug/Kg		92	79 - 127
Bromodichloromethane	50.0	50.0		ug/Kg		100	80 - 122
Bromoform	50.0	53.8		ug/Kg		108	68 - 126
Bromomethane	50.0	45.7		ug/Kg		91	37 - 149
Carbon disulfide	50.0	43.5		ug/Kg		87	64 - 131
Carbon tetrachloride	50.0	48.2		ug/Kg		96	75 - 135
Chlorobenzene	50.0	48.3		ug/Kg		97	76 - 124
Dibromochloromethane	50.0	52.9		ug/Kg		106	76 - 125
Chloroethane	50.0	44.4		ug/Kg		89	69 - 135
Chloroform	50.0	47.9		ug/Kg		96	80 - 120
Chloromethane	50.0	46.4		ug/Kg		93	63 - 127
cis-1,2-Dichloroethene	50.0	47.6		ug/Kg		95	81 - 120
cis-1,3-Dichloropropene	50.0	47.4		ug/Kg		95	80 - 120
Cyclohexane	50.0	46.2		ug/Kg		92	65 - 120
Dichlorodifluoromethane	50.0	42.2		ug/Kg		84	57 - 142
Ethylbenzene	50.0	46.9		ug/Kg		94	80 - 120
1,2-Dibromoethane	50.0	49.9		ug/Kg		100	78 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-701119/1-A
Matrix: Solid
Analysis Batch: 701120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 701119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	50.0	48.2		ug/Kg		96	72 - 120
Methyl acetate	100	97.2		ug/Kg		97	55 - 136
Methyl tert-butyl ether	50.0	47.3		ug/Kg		95	63 - 125
Methylcyclohexane	50.0	44.9		ug/Kg		90	60 - 140
Methylene Chloride	50.0	49.0		ug/Kg		98	61 - 127
Styrene	50.0	46.9		ug/Kg		94	80 - 120
Tetrachloroethene	50.0	45.8		ug/Kg		92	74 - 122
Toluene	50.0	46.9		ug/Kg		94	74 - 128
trans-1,2-Dichloroethene	50.0	46.3		ug/Kg		93	78 - 126
trans-1,3-Dichloropropene	50.0	49.5		ug/Kg		99	73 - 123
Trichloroethene	50.0	46.1		ug/Kg		92	77 - 129
Trichlorofluoromethane	50.0	46.6		ug/Kg		93	65 - 146
Vinyl chloride	50.0	43.8		ug/Kg		88	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*
Dibromofluoromethane (Surr)	*105*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-700954/1-A
Matrix: Solid
Analysis Batch: 700995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Acenaphthylene	ND		170	22	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Anthracene	ND		170	42	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Benzo[a]anthracene	ND		170	17	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Benzo[a]pyrene	ND		170	25	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Chrysene	ND		170	38	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Fluoranthene	ND		170	18	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Fluorene	ND		170	20	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Naphthalene	ND		170	22	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Phenanthrene	ND		170	25	ug/Kg		02/15/24 16:28	02/16/24 14:38	1
Pyrene	ND		170	20	ug/Kg		02/15/24 16:28	02/16/24 14:38	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2300*	*T J*	*ug/Kg*		*1.92*	*N/A*	*02/15/24 16:28*	*02/16/24 14:38*	*1*
Unknown	*144*	*T J*	*ug/Kg*		*3.30*	*N/A*	*02/15/24 16:28*	*02/16/24 14:38*	*1*
Unknown	*386*	*T J*	*ug/Kg*		*3.33*	*N/A*	*02/15/24 16:28*	*02/16/24 14:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-700954/1-A
Matrix: Solid
Analysis Batch: 700995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700954

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	102		60 - 120	02/15/24 16:28	02/16/24 14:38	1
Nitrobenzene-d5 (Surr)	89		53 - 120	02/15/24 16:28	02/16/24 14:38	1
p-Terphenyl-d14 (Surr)	96		79 - 130	02/15/24 16:28	02/16/24 14:38	1

Lab Sample ID: LCS 480-700954/2-A
Matrix: Solid
Analysis Batch: 700995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1640	1430		ug/Kg		87	62 - 120
Acenaphthylene	1640	1400		ug/Kg		85	58 - 121
Anthracene	1640	1480		ug/Kg		90	62 - 120
Benzo[a]anthracene	1640	1450		ug/Kg		88	65 - 120
Benzo[a]pyrene	1640	1520		ug/Kg		93	64 - 120
Benzo[b]fluoranthene	1640	1530		ug/Kg		94	64 - 120
Benzo[g,h,i]perylene	1640	1450		ug/Kg		89	45 - 145
Benzo[k]fluoranthene	1640	1510		ug/Kg		92	65 - 120
Chrysene	1640	1420		ug/Kg		87	64 - 120
Dibenz(a,h)anthracene	1640	1480		ug/Kg		90	54 - 132
Fluoranthene	1640	1470		ug/Kg		89	62 - 120
Fluorene	1640	1410		ug/Kg		86	63 - 120
Indeno[1,2,3-cd]pyrene	1640	1470		ug/Kg		89	56 - 134
Naphthalene	1640	1300		ug/Kg		79	55 - 120
Phenanthrene	1640	1470		ug/Kg		90	60 - 120
Pyrene	1640	1550		ug/Kg		95	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	84		60 - 120
Nitrobenzene-d5 (Surr)	83		53 - 120
p-Terphenyl-d14 (Surr)	94		79 - 130

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-700909/1-A
Matrix: Solid
Analysis Batch: 701278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.40	mg/Kg		02/15/24 13:38	02/19/24 18:21	1
Barium	ND		0.50	0.11	mg/Kg		02/15/24 13:38	02/19/24 18:21	1
Cadmium	ND		0.20	0.030	mg/Kg		02/15/24 13:38	02/19/24 18:21	1
Chromium	ND		0.50	0.20	mg/Kg		02/15/24 13:38	02/19/24 18:21	1
Lead	ND		1.0	0.24	mg/Kg		02/15/24 13:38	02/19/24 18:21	1
Selenium	ND		4.0	0.40	mg/Kg		02/15/24 13:38	02/19/24 18:21	1
Silver	ND		0.60	0.20	mg/Kg		02/15/24 13:38	02/19/24 18:21	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-700909/2-A
Matrix: Solid
Analysis Batch: 701278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700909

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	218	189.8		mg/Kg		87.0	57.8 - 110.1
Barium	388	369.7		mg/Kg		95.3	68.3 - 113.9
Cadmium	118	110.9		mg/Kg		93.9	67.0 - 111.9
Chromium	255	244.4		mg/Kg		95.8	63.5 - 118.4
Lead	155	162.6		mg/Kg		104.9	67.7 - 119.4
Selenium	107	101.5		mg/Kg		94.8	58.3 - 121.5
Silver	51.0	47.90		mg/Kg		93.9	64.7 - 120.8

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-700846/1-A
Matrix: Solid
Analysis Batch: 700949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0045	mg/Kg		02/15/24 11:18	02/15/24 15:02	1

Lab Sample ID: LCSSRM 480-700846/2-A ^10
Matrix: Solid
Analysis Batch: 700949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700846

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	17.1	10.12		mg/Kg		59.2	36.0 - 109.9

GC/MS VOA

Analysis Batch: 700987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-2	SB-8 9.5-11FT	Total/NA	Solid	8260C	701023
480-217086-3	SB-10 9-11FT	Total/NA	Solid	8260C	701023
480-217086-7	SB-2 5-7FT	Total/NA	Solid	8260C	701023
MB 480-700987/9	Method Blank	Total/NA	Solid	8260C	
MB 480-701023/3-A	Method Blank	Total/NA	Solid	8260C	701023
LCS 480-701023/1-A	Lab Control Sample	Total/NA	Solid	8260C	701023
LCSD 480-701023/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	701023

Prep Batch: 701023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-2	SB-8 9.5-11FT	Total/NA	Solid	5035A_H	
480-217086-3	SB-10 9-11FT	Total/NA	Solid	5035A_H	
480-217086-7	SB-2 5-7FT	Total/NA	Solid	5035A_H	
MB 480-701023/3-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-701023/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	
LCSD 480-701023/2-A	Lab Control Sample Dup	Total/NA	Solid	5035A_H	

Prep Batch: 701119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	5035A_L	
MB 480-701119/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-701119/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 701120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	8260C	701119
MB 480-701119/2-A	Method Blank	Total/NA	Solid	8260C	701119
LCS 480-701119/1-A	Lab Control Sample	Total/NA	Solid	8260C	701119

GC/MS Semi VOA

Prep Batch: 700954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	3550C	
480-217086-2	SB-8 9.5-11FT	Total/NA	Solid	3550C	
480-217086-3	SB-10 9-11FT	Total/NA	Solid	3550C	
480-217086-4	SB-13 0-2FT	Total/NA	Solid	3550C	
MB 480-700954/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-700954/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 700995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	8270D	700954
480-217086-2	SB-8 9.5-11FT	Total/NA	Solid	8270D	700954
480-217086-3	SB-10 9-11FT	Total/NA	Solid	8270D	700954
480-217086-4	SB-13 0-2FT	Total/NA	Solid	8270D	700954
MB 480-700954/1-A	Method Blank	Total/NA	Solid	8270D	700954
LCS 480-700954/2-A	Lab Control Sample	Total/NA	Solid	8270D	700954

Metals

Prep Batch: 700846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	7471B	
480-217086-4	SB-13 0-2FT	Total/NA	Solid	7471B	
480-217086-5	SB-11 0-2FT	Total/NA	Solid	7471B	
480-217086-6	SB-4 0.5-2FT	Total/NA	Solid	7471B	
MB 480-700846/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-700846/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 700909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	3050B	
480-217086-4	SB-13 0-2FT	Total/NA	Solid	3050B	
480-217086-5	SB-11 0-2FT	Total/NA	Solid	3050B	
480-217086-6	SB-4 0.5-2FT	Total/NA	Solid	3050B	
MB 480-700909/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-700909/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 700949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	7471B	700846
480-217086-4	SB-13 0-2FT	Total/NA	Solid	7471B	700846
480-217086-5	SB-11 0-2FT	Total/NA	Solid	7471B	700846
480-217086-6	SB-4 0.5-2FT	Total/NA	Solid	7471B	700846
MB 480-700846/1-A	Method Blank	Total/NA	Solid	7471B	700846
LCSSRM 480-700846/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	700846

Analysis Batch: 701278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	6010C	700909
480-217086-4	SB-13 0-2FT	Total/NA	Solid	6010C	700909
480-217086-5	SB-11 0-2FT	Total/NA	Solid	6010C	700909
480-217086-6	SB-4 0.5-2FT	Total/NA	Solid	6010C	700909
MB 480-700909/1-A	Method Blank	Total/NA	Solid	6010C	700909
LCSSRM 480-700909/2-A	Lab Control Sample	Total/NA	Solid	6010C	700909

General Chemistry

Analysis Batch: 700788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217086-1	SB-1 6-8FT	Total/NA	Solid	Moisture	
480-217086-2	SB-8 9.5-11FT	Total/NA	Solid	Moisture	
480-217086-3	SB-10 9-11FT	Total/NA	Solid	Moisture	
480-217086-4	SB-13 0-2FT	Total/NA	Solid	Moisture	
480-217086-5	SB-11 0-2FT	Total/NA	Solid	Moisture	
480-217086-6	SB-4 0.5-2FT	Total/NA	Solid	Moisture	
480-217086-7	SB-2 5-7FT	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-1 6-8FT
Lab Sample ID: 480-217086-1
Date Collected: 02/09/24 09:00
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Client Sample ID: SB-1 6-8FT
Lab Sample ID: 480-217086-1
Date Collected: 02/09/24 09:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			701119	CDC	EET BUF	02/18/24 06:51
Total/NA	Analysis	8260C		1	701120	LCH	EET BUF	02/18/24 11:34
Total/NA	Prep	3550C			700954	SJM	EET BUF	02/15/24 16:28
Total/NA	Analysis	8270D		5	700995	EMD	EET BUF	02/16/24 21:27
Total/NA	Prep	3050B			700909	ESB	EET BUF	02/15/24 13:38
Total/NA	Analysis	6010C		1	701278	BMB	EET BUF	02/19/24 20:06
Total/NA	Prep	7471B			700846	NVK	EET BUF	02/15/24 11:18
Total/NA	Analysis	7471B		1	700949	NVK	EET BUF	02/15/24 15:25

Client Sample ID: SB-8 9.5-11FT
Lab Sample ID: 480-217086-2
Date Collected: 02/09/24 12:00
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Client Sample ID: SB-8 9.5-11FT
Lab Sample ID: 480-217086-2
Date Collected: 02/09/24 12:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			701023	ZN	EET BUF	02/16/24 10:04
Total/NA	Analysis	8260C		2	700987	ZN	EET BUF	02/16/24 14:59
Total/NA	Prep	3550C			700954	SJM	EET BUF	02/15/24 16:28
Total/NA	Analysis	8270D		1	700995	EMD	EET BUF	02/16/24 21:51

Client Sample ID: SB-10 9-11FT
Lab Sample ID: 480-217086-3
Date Collected: 02/09/24 14:00
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-10 9-11FT
Lab Sample ID: 480-217086-3

Date Collected: 02/09/24 14:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			701023	ZN	EET BUF	02/16/24 10:04
Total/NA	Analysis	8260C		4	700987	ZN	EET BUF	02/16/24 15:22
Total/NA	Prep	3550C			700954	SJM	EET BUF	02/15/24 16:28
Total/NA	Analysis	8270D		1	700995	EMD	EET BUF	02/16/24 22:14

Client Sample ID: SB-13 0-2FT
Lab Sample ID: 480-217086-4

Date Collected: 02/09/24 15:00
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Client Sample ID: SB-13 0-2FT
Lab Sample ID: 480-217086-4

Date Collected: 02/09/24 15:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			700954	SJM	EET BUF	02/15/24 16:28
Total/NA	Analysis	8270D		10	700995	EMD	EET BUF	02/16/24 22:39
Total/NA	Prep	3050B			700909	ESB	EET BUF	02/15/24 13:38
Total/NA	Analysis	6010C		1	701278	BMB	EET BUF	02/19/24 20:09
Total/NA	Prep	7471B			700846	NVK	EET BUF	02/15/24 11:18
Total/NA	Analysis	7471B		1	700949	NVK	EET BUF	02/15/24 15:29

Client Sample ID: SB-11 0-2FT
Lab Sample ID: 480-217086-5

Date Collected: 02/09/24 14:30
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Client Sample ID: SB-11 0-2FT
Lab Sample ID: 480-217086-5

Date Collected: 02/09/24 14:30
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			700909	ESB	EET BUF	02/15/24 13:38
Total/NA	Analysis	6010C		1	701278	BMB	EET BUF	02/19/24 20:13
Total/NA	Prep	7471B			700846	NVK	EET BUF	02/15/24 11:18
Total/NA	Analysis	7471B		1	700949	NVK	EET BUF	02/15/24 15:31

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-4 0.5-2FT
Lab Sample ID: 480-217086-6
Date Collected: 02/09/24 10:30
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Client Sample ID: SB-4 0.5-2FT
Lab Sample ID: 480-217086-6
Date Collected: 02/09/24 10:30
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			700909	ESB	EET BUF	02/15/24 13:38
Total/NA	Analysis	6010C		1	701278	BMB	EET BUF	02/19/24 20:27
Total/NA	Prep	7471B			700846	NVK	EET BUF	02/15/24 11:18
Total/NA	Analysis	7471B		1	700949	NVK	EET BUF	02/15/24 15:32

Client Sample ID: SB-2 5-7FT
Lab Sample ID: 480-217086-7
Date Collected: 02/09/24 10:00
Matrix: Solid
Date Received: 02/14/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	700788	JMM	EET BUF	02/14/24 14:53

Client Sample ID: SB-2 5-7FT
Lab Sample ID: 480-217086-7
Date Collected: 02/09/24 10:00
Matrix: Solid
Date Received: 02/14/24 10:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			701023	ZN	EET BUF	02/16/24 10:04
Total/NA	Analysis	8260C		4	700987	ZN	EET BUF	02/16/24 15:45

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_H	Closed System Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217086-1
Project/Site: 26 & 60 Evans St. site

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-217086-1	SB-1 6-8FT	Solid	02/09/24 09:00	02/14/24 10:30
480-217086-2	SB-8 9.5-11FT	Solid	02/09/24 12:00	02/14/24 10:30
480-217086-3	SB-10 9-11FT	Solid	02/09/24 14:00	02/14/24 10:30
480-217086-4	SB-13 0-2FT	Solid	02/09/24 15:00	02/14/24 10:30
480-217086-5	SB-11 0-2FT	Solid	02/09/24 14:30	02/14/24 10:30
480-217086-6	SB-4 0.5-2FT	Solid	02/09/24 10:30	02/14/24 10:30
480-217086-7	SB-2 5-7FT	Solid	02/09/24 10:00	02/14/24 10:30

Address: ______

Chain of Custody Record

599295 eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	
Company Name:	ROUX INC
Address:	2558 hamburg TPKE
City/State/Zip:	BUFFALO NY 14218
Phone:	716-713-3937
Fax:	
Project Name:	26 : 60 evans street
Site:	
P O #	4454.0002B000

Project Manager: Chris Boron
Tel/Email: CBoron@Rouxinc.com
Site Contact: Nick Sczaia
Lab Contact: Brian Fischer
Date:
Carrier:

COC No:
____ of ____ COCs
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:

Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below ______
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCL VOC's	CP-51 SVOC's	RCRA Metals	Sample Specific Notes:
SB-1 6-8Ft	2/12/24	9:00	G	Soil	2			X	X	X	
SB-8 9.5-11Ft	↓	1200	↓	↓	↓			X	X		
SB-10 9-11Ft	↓	1400	↓	↓	↓			X	X		
SB-13 0-2Ft	↓	1500	↓	↓	↓				X	X	
SB-11 0-2Ft	↓	1430	↓	↓	↓					X	
SB-4 0.5-2Ft	↓	1030	↓	↓	↓					X	
SB-2 5-7Ft	↓	1000	↓	↓	↓			X			

480-217086 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:

#1 3.1

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ______ Corr'd: ______ Therm ID No.: ______

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Roux	2/12/24 11:00	[signature]	EET	2/13/24 0900
[signature]	EET	2/13/24 1300	[signature]	TAB	2/14/24 1030
			Received in Laboratory by:		

Chain of Custody Record

599294 eurofins Environment Testing TestAmerica

Address: ______

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact			
Company Name: Roux Inc	Project Manager: Chris Boron	Site Contact: Mike Sural	Date:
Address: 2558 Hamburg Tpke	Tel/Email: CBoron@rouxinc.com	Lab Contact: Brian Fischer	Carrier:
City/State/Zip: Buffalo NY 14218	Analysis Turnaround Time		
Phone: 716-713-3237	☐ CALENDAR DAYS ☐ WORKING DAYS		
Fax:	TAT if different from Below ______		
Project Name: 26:60 Elk St	☐ 2 weeks		
Site:	☐ 1 week		
P O # 4454.0002B001	☐ 2 days		
	☐ 1 day		

COC No: ______ of ______ COCs

Sampler:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Sample Specific Notes:
SB-1 9-11Ft	2/9/24	9:05	G	Soil				On hold
SB-3 9-10Ft	↓	1015	↓	↓				↓
SB-5 7-8Ft	↓	1045	↓	↓				↓
SB-6 8-10Ft	↓	1300	↓	↓				↓
SB-7 4-5Ft	↓	1130	↓	↓				↓
SB-9 10-11Ft	↓	1330	↓	↓				↓
SB-11 2-4Ft	↓	1445	↓	↓				↓

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:

On Hold

#1 3.1

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ______ Corr'd: ______ Therm ID No.: ______

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Roux	2/12/24/1200	[signature]	EET	2/13/24 0900
Relinquished by: [signature]	Company: EET	Date/Time: 2/13/24 1300	Received by: [signature]	Company: TAB	Date/Time: 2/14/24 1030
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-217086-1

Login Number: 217086
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ROUX
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Christopher Z Boron
Roux Environmental Engineering and Geology DPC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

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JOB DESCRIPTION

26 & 60 Evans St. site

JOB NUMBER

480-217394-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

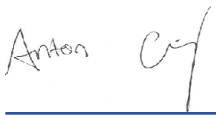
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Anton Gruning, Project Management Assistant I
Anton.Gruning@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

Table of Contents

Definitions/Glossary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Qualifiers

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-217394-1 Eurofins Buffalo

Job Narrative
480-217394-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/29/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

GC/MS VOA
Method 8260C: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: SB-1W (480-217394-1).

Method 8260C: The following samples were diluted due to the nature of the sample matrix: SB-1W (480-217394-1), SB-3W (480-217394-2), (480-217394-D-2 MS) and (480-217394-D-2 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to color, appearance and viscosity: SB-1W (480-217394-1) and SB-3W (480-217394-2). Elevated reporting limits (RL) are provided.

Method 8270D: Surrogate recovery for the following sample was outside control limits: SB-3W (480-217394-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-1W
Lab Sample ID: 480-217394-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	6.4	J	25	2.2	ug/L	5		8270D	Total/NA

Client Sample ID: SB-3W
Lab Sample ID: 480-217394-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SB-1W
Date Collected: 02/28/24 11:30
Date Received: 02/29/24 10:30

Lab Sample ID: 480-217394-1
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		20	15	ug/L			03/01/24 15:28	20
1,3,5-Trimethylbenzene	ND		20	15	ug/L			03/01/24 15:28	20
4-Isopropyltoluene	ND		20	6.2	ug/L			03/01/24 15:28	20
Benzene	ND		20	8.2	ug/L			03/01/24 15:28	20
Ethylbenzene	ND		20	15	ug/L			03/01/24 15:28	20
Isopropylbenzene	ND		20	16	ug/L			03/01/24 15:28	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			03/01/24 15:28	20
m,p-Xylene	ND		40	13	ug/L			03/01/24 15:28	20
Naphthalene	ND		20	8.6	ug/L			03/01/24 15:28	20
n-Butylbenzene	ND		20	13	ug/L			03/01/24 15:28	20
N-Propylbenzene	ND		20	14	ug/L			03/01/24 15:28	20
o-Xylene	ND		20	15	ug/L			03/01/24 15:28	20
sec-Butylbenzene	ND		20	15	ug/L			03/01/24 15:28	20
Toluene	ND		20	10	ug/L			03/01/24 15:28	20
Xylenes, Total	ND		40	13	ug/L			03/01/24 15:28	20
tert-Butylbenzene	ND		20	16	ug/L			03/01/24 15:28	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Dodecane, 6-methyl-	*230*	*T J N*	*ug/L*		*11.69*	*6044-71-9*		*03/01/24 15:28*	*20*
Unknown	*170*	*T J*	*ug/L*		*12.03*	*N/A*		*03/01/24 15:28*	*20*
Unknown	*140*	*T J*	*ug/L*		*12.08*	*N/A*		*03/01/24 15:28*	*20*
Unknown	*220*	*T J*	*ug/L*		*12.20*	*N/A*		*03/01/24 15:28*	*20*
Unknown	*200*	*T J*	*ug/L*		*12.48*	*N/A*		*03/01/24 15:28*	*20*
Unknown	*110*	*T J*	*ug/L*		*12.58*	*N/A*		*03/01/24 15:28*	*20*
Unknown	*110*	*T J*	*ug/L*		*12.81*	*N/A*		*03/01/24 15:28*	*20*
Unknown	*140*	*T J*	*ug/L*		*12.92*	*N/A*		*03/01/24 15:28*	*20*
Dodecane, 2,6,11-trimethyl-	*160*	*T J N*	*ug/L*		*13.02*	*31295-56-4*		*03/01/24 15:28*	*20*
Unknown	*250*	*T J*	*ug/L*		*13.62*	*N/A*		*03/01/24 15:28*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*03/01/24 15:28*	*20*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*03/01/24 15:28*	*20*
Toluene-d8 (Surr)	*106*		*80 - 120*		*03/01/24 15:28*	*20*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*03/01/24 15:28*	*20*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		25	2.1	ug/L		03/04/24 09:37	03/05/24 22:16	5
Acenaphthylene	ND		25	1.9	ug/L		03/04/24 09:37	03/05/24 22:16	5
Anthracene	ND		25	1.4	ug/L		03/04/24 09:37	03/05/24 22:16	5
Benzo[a]anthracene	ND		25	1.8	ug/L		03/04/24 09:37	03/05/24 22:16	5
Benzo[a]pyrene	ND		25	2.4	ug/L		03/04/24 09:37	03/05/24 22:16	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		03/04/24 09:37	03/05/24 22:16	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		03/04/24 09:37	03/05/24 22:16	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		03/04/24 09:37	03/05/24 22:16	5
Chrysene	ND		25	1.7	ug/L		03/04/24 09:37	03/05/24 22:16	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		03/04/24 09:37	03/05/24 22:16	5
Fluoranthene	ND		25	2.0	ug/L		03/04/24 09:37	03/05/24 22:16	5
Fluorene	ND		25	1.8	ug/L		03/04/24 09:37	03/05/24 22:16	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		03/04/24 09:37	03/05/24 22:16	5

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-1W
Lab Sample ID: 480-217394-1
Date Collected: 02/28/24 11:30
Matrix: Water
Date Received: 02/29/24 10:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		25	3.8	ug/L		03/04/24 09:37	03/05/24 22:16	5
Phenanthrene	**6.4**	**J**	25	2.2	ug/L		03/04/24 09:37	03/05/24 22:16	5
Pyrene	ND		25	1.7	ug/L		03/04/24 09:37	03/05/24 22:16	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*200*	*T J*	*ug/L*		*3.16*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*68*	*T J*	*ug/L*		*7.27*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*87*	*T J*	*ug/L*		*7.50*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*68*	*T J*	*ug/L*		*7.61*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*71*	*T J*	*ug/L*		*7.63*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*180*	*T J*	*ug/L*		*7.80*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*190*	*T J*	*ug/L*		*7.89*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*82*	*T J*	*ug/L*		*8.08*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*91*	*T J*	*ug/L*		*8.11*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Cyclohexane, 1,1'-(1,4-butanediyl)bis-	*140*	*T J N*	*ug/L*		*8.32*	*6165-44-2*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Dodecane, 2,6,10-trimethyl-	*150*	*T J N*	*ug/L*		*8.39*	*3891-98-3*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*80*	*T J*	*ug/L*		*8.53*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Undecane	*220*	*T J N*	*ug/L*		*8.77*	*1120-21-4*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Unknown	*85*	*T J*	*ug/L*		*9.24*	*N/A*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Pentadecane, 2,6,10-trimethyl-	*220*	*T J N*	*ug/L*		*9.54*	*3892-00-0*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Dodecane, 2,6,11-trimethyl-	*150*	*T J N*	*ug/L*		*9.73*	*31295-56-4*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*510*	*T J N*	*ug/L*		*9.76*	*1921-70-6*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Tridecane	*69*	*T J N*	*ug/L*		*9.94*	*629-50-5*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*320*	*T J N*	*ug/L*		*10.15*	*638-36-8*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Pentatriacontane	*110*	*T J N*	*ug/L*		*10.44*	*630-07-9*	*03/04/24 09:37*	*03/05/24 22:16*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*101*		*48 - 120*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
Nitrobenzene-d5 (Surr)	*90*		*46 - 120*	*03/04/24 09:37*	*03/05/24 22:16*	*5*
p-Terphenyl-d14 (Surr)	*73*		*60 - 148*	*03/04/24 09:37*	*03/05/24 22:16*	*5*

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-3W
Date Collected: 02/28/24 11:45
Date Received: 02/29/24 10:30

Lab Sample ID: 480-217394-2
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		40	30	ug/L			03/01/24 15:51	40
1,3,5-Trimethylbenzene	ND		40	31	ug/L			03/01/24 15:51	40
4-Isopropyltoluene	ND		40	12	ug/L			03/01/24 15:51	40
Benzene	ND		40	16	ug/L			03/01/24 15:51	40
Ethylbenzene	ND		40	30	ug/L			03/01/24 15:51	40
Isopropylbenzene	ND		40	32	ug/L			03/01/24 15:51	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			03/01/24 15:51	40
m,p-Xylene	ND		80	26	ug/L			03/01/24 15:51	40
Naphthalene	ND		40	17	ug/L			03/01/24 15:51	40
n-Butylbenzene	ND		40	26	ug/L			03/01/24 15:51	40
N-Propylbenzene	ND		40	28	ug/L			03/01/24 15:51	40
o-Xylene	ND		40	30	ug/L			03/01/24 15:51	40
sec-Butylbenzene	ND		40	30	ug/L			03/01/24 15:51	40
Toluene	ND		40	20	ug/L			03/01/24 15:51	40
Xylenes, Total	ND		80	26	ug/L			03/01/24 15:51	40
tert-Butylbenzene	ND		40	32	ug/L			03/01/24 15:51	40

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane, 2,6-dimethyl-	*240*	*T J N*	*ug/L*		*11.69*	*17301-23-4*		*03/01/24 15:51*	*40*
1H-Indene, 2,3-dihydro-1,6-dimethyl-	*210*	*T J N*	*ug/L*		*12.03*	*17059-48-2*		*03/01/24 15:51*	*40*
Unknown	*140*	*T J*	*ug/L*		*12.08*	*N/A*		*03/01/24 15:51*	*40*
Unknown	*240*	*T J*	*ug/L*		*12.20*	*N/A*		*03/01/24 15:51*	*40*
Unknown	*180*	*T J*	*ug/L*		*12.48*	*N/A*		*03/01/24 15:51*	*40*
1H-Indene, 2,3-dihydro-1,2-dimethyl-	*130*	*T J N*	*ug/L*		*12.63*	*17057-82-8*		*03/01/24 15:51*	*40*
Unknown	*170*	*T J*	*ug/L*		*12.81*	*N/A*		*03/01/24 15:51*	*40*
Unknown	*210*	*T J*	*ug/L*		*12.92*	*N/A*		*03/01/24 15:51*	*40*
Unknown	*130*	*T J*	*ug/L*		*13.02*	*N/A*		*03/01/24 15:51*	*40*
Pentadecane, 7-methyl-	*250*	*T J N*	*ug/L*		*13.62*	*6165-40-8*		*03/01/24 15:51*	*40*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/01/24 15:51*	*40*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/01/24 15:51*	*40*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/01/24 15:51*	*40*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/01/24 15:51*	*40*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		25	2.1	ug/L		03/04/24 09:37	03/05/24 22:44	5
Acenaphthylene	ND		25	1.9	ug/L		03/04/24 09:37	03/05/24 22:44	5
Anthracene	ND		25	1.4	ug/L		03/04/24 09:37	03/05/24 22:44	5
Benzo[a]anthracene	ND		25	1.8	ug/L		03/04/24 09:37	03/05/24 22:44	5
Benzo[a]pyrene	ND		25	2.4	ug/L		03/04/24 09:37	03/05/24 22:44	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		03/04/24 09:37	03/05/24 22:44	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		03/04/24 09:37	03/05/24 22:44	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		03/04/24 09:37	03/05/24 22:44	5
Chrysene	ND		25	1.7	ug/L		03/04/24 09:37	03/05/24 22:44	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		03/04/24 09:37	03/05/24 22:44	5
Fluoranthene	ND		25	2.0	ug/L		03/04/24 09:37	03/05/24 22:44	5
Fluorene	ND		25	1.8	ug/L		03/04/24 09:37	03/05/24 22:44	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		03/04/24 09:37	03/05/24 22:44	5

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-3W
Lab Sample ID: 480-217394-2
Date Collected: 02/28/24 11:45
Matrix: Water
Date Received: 02/29/24 10:30

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		25	3.8	ug/L		03/04/24 09:37	03/05/24 22:44	5
Phenanthrene	ND		25	2.2	ug/L		03/04/24 09:37	03/05/24 22:44	5
Pyrene	ND		25	1.7	ug/L		03/04/24 09:37	03/05/24 22:44	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*15*	*T J N*	*ug/L*		*2.96*	*110-82-7*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*170*	*T J*	*ug/L*		*3.16*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*19*	*T J*	*ug/L*		*5.06*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Phenol, 2-fluoro-	*15*	*T J N*	*ug/L*		*5.39*	*367-12-4*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*13*	*T J*	*ug/L*		*6.01*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Nonane, 4-methyl-	*12*	*T J N*	*ug/L*		*6.05*	*17301-94-9*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*21*	*T J*	*ug/L*		*6.12*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*16*	*T J*	*ug/L*		*6.19*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Decane, 4-methyl-	*43*	*T J N*	*ug/L*		*6.48*	*2847-72-5*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*29*	*T J*	*ug/L*		*6.57*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*16*	*T J*	*ug/L*		*6.78*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Naphthalene, decahydro-, trans-	*68*	*T J N*	*ug/L*		*6.85*	*493-02-7*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*120*	*T J*	*ug/L*		*6.94*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*84*	*T J*	*ug/L*		*7.02*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*13*	*T J*	*ug/L*		*7.24*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Naphthalene, decahydro-2-methyl-	*13*	*T J N*	*ug/L*		*7.28*	*2958-76-1*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*34*	*T J*	*ug/L*		*7.52*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*16*	*T J*	*ug/L*		*7.74*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*75*	*T J*	*ug/L*		*7.81*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Unknown	*25*	*T J*	*ug/L*		*7.90*	*N/A*	*03/04/24 09:37*	*03/05/24 22:44*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*127*	*S1+*	*48 - 120*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
Nitrobenzene-d5 (Surr)	*129*	*S1+*	*46 - 120*	*03/04/24 09:37*	*03/05/24 22:44*	*5*
p-Terphenyl-d14 (Surr)	*82*		*60 - 148*	*03/04/24 09:37*	*03/05/24 22:44*	*5*

Surrogate Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-217394-1	SB-1W	105	104	106	104
480-217394-2	SB-3W	101	99	102	98
480-217394-2 MS	SB-3W	105	102	102	105
480-217394-2 MSD	SB-3W	104	103	103	107
LCS 480-702373/6	Lab Control Sample	106	105	104	104
MB 480-702373/8	Method Blank	103	105	104	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(48-120)	(46-120)	(60-148)
480-217394-1	SB-1W	101	90	73
480-217394-2	SB-3W	127 S1+	129 S1+	82
LCS 480-702518/2-A	Lab Control Sample	98	89	108
MB 480-702518/1-A	Method Blank	83	72	101

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-702373/8
Matrix: Water
Analysis Batch: 702373

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/01/24 14:50	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/01/24 14:50	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/01/24 14:50	1
Benzene	ND		1.0	0.41	ug/L			03/01/24 14:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/01/24 14:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/01/24 14:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/01/24 14:50	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/01/24 14:50	1
Naphthalene	ND		1.0	0.43	ug/L			03/01/24 14:50	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/01/24 14:50	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/01/24 14:50	1
o-Xylene	ND		1.0	0.76	ug/L			03/01/24 14:50	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/01/24 14:50	1
Toluene	ND		1.0	0.51	ug/L			03/01/24 14:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/24 14:50	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/01/24 14:50	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*03/01/24 14:50*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*03/01/24 14:50*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*03/01/24 14:50*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/01/24 14:50*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/01/24 14:50*	*1*

Lab Sample ID: LCS 480-702373/6
Matrix: Water
Analysis Batch: 702373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	25.0	27.4		ug/L		110	76 - 121
1,3,5-Trimethylbenzene	25.0	27.5		ug/L		110	77 - 121
4-Isopropyltoluene	25.0	27.6		ug/L		110	73 - 120
Benzene	25.0	27.0		ug/L		108	71 - 124
Ethylbenzene	25.0	27.0		ug/L		108	77 - 123
Isopropylbenzene	25.0	28.0		ug/L		112	77 - 122
Methyl tert-butyl ether	25.0	26.8		ug/L		107	77 - 120
m,p-Xylene	25.0	26.6		ug/L		106	76 - 122
Naphthalene	25.0	26.0		ug/L		104	66 - 125
n-Butylbenzene	25.0	27.8		ug/L		111	71 - 128
N-Propylbenzene	25.0	27.8		ug/L		111	75 - 127
o-Xylene	25.0	26.9		ug/L		108	76 - 122
sec-Butylbenzene	25.0	27.4		ug/L		110	74 - 127
Toluene	25.0	27.3		ug/L		109	80 - 122
tert-Butylbenzene	25.0	27.5		ug/L		110	75 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-702373/6
Matrix: Water
Analysis Batch: 702373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: 480-217394-2 MS
Matrix: Water
Analysis Batch: 702373

Client Sample ID: SB-3W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	ND		1000	1100		ug/L		110	76 - 121
1,3,5-Trimethylbenzene	ND		1000	1110		ug/L		111	77 - 121
4-Isopropyltoluene	ND		1000	1130		ug/L		113	73 - 120
Benzene	ND		1000	1090		ug/L		109	71 - 124
Ethylbenzene	ND		1000	1100		ug/L		110	77 - 123
Isopropylbenzene	ND		1000	1130		ug/L		113	77 - 122
Methyl tert-butyl ether	ND		1000	1040		ug/L		104	77 - 120
m,p-Xylene	ND		1000	1080		ug/L		108	76 - 122
Naphthalene	ND		1000	1050		ug/L		105	66 - 125
n-Butylbenzene	ND		1000	1120		ug/L		112	71 - 128
N-Propylbenzene	ND		1000	1130		ug/L		113	75 - 127
o-Xylene	ND		1000	1070		ug/L		107	76 - 122
sec-Butylbenzene	ND		1000	1140		ug/L		114	74 - 127
Toluene	ND		1000	1110		ug/L		111	80 - 122
tert-Butylbenzene	ND		1000	1120		ug/L		112	75 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: 480-217394-2 MSD
Matrix: Water
Analysis Batch: 702373

Client Sample ID: SB-3W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	ND		1000	1070		ug/L		107	76 - 121	2	20
1,3,5-Trimethylbenzene	ND		1000	1090		ug/L		109	77 - 121	2	20
4-Isopropyltoluene	ND		1000	1110		ug/L		111	73 - 120	2	20
Benzene	ND		1000	1060		ug/L		106	71 - 124	3	13
Ethylbenzene	ND		1000	1070		ug/L		107	77 - 123	2	15
Isopropylbenzene	ND		1000	1090		ug/L		109	77 - 122	4	20
Methyl tert-butyl ether	ND		1000	1020		ug/L		102	77 - 120	2	37
m,p-Xylene	ND		1000	1070		ug/L		107	76 - 122	1	16
Naphthalene	ND		1000	1090		ug/L		109	66 - 125	3	20
n-Butylbenzene	ND		1000	1130		ug/L		113	71 - 128	0	15
N-Propylbenzene	ND		1000	1090		ug/L		109	75 - 127	3	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-217394-2 MSD
Matrix: Water
Analysis Batch: 702373

Client Sample ID: SB-3W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene	ND		1000	1050		ug/L		105	76 - 122	3	16
sec-Butylbenzene	ND		1000	1080		ug/L		108	74 - 127	5	15
Toluene	ND		1000	1060		ug/L		106	80 - 122	4	15
tert-Butylbenzene	ND		1000	1090		ug/L		109	75 - 123	3	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-702518/1-A
Matrix: Water
Analysis Batch: 702639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		03/04/24 09:37	03/05/24 17:12	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/04/24 09:37	03/05/24 17:12	1
Anthracene	ND		5.0	0.28	ug/L		03/04/24 09:37	03/05/24 17:12	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		03/04/24 09:37	03/05/24 17:12	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		03/04/24 09:37	03/05/24 17:12	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		03/04/24 09:37	03/05/24 17:12	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		03/04/24 09:37	03/05/24 17:12	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		03/04/24 09:37	03/05/24 17:12	1
Chrysene	ND		5.0	0.33	ug/L		03/04/24 09:37	03/05/24 17:12	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/04/24 09:37	03/05/24 17:12	1
Fluoranthene	ND		5.0	0.40	ug/L		03/04/24 09:37	03/05/24 17:12	1
Fluorene	ND		5.0	0.36	ug/L		03/04/24 09:37	03/05/24 17:12	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		03/04/24 09:37	03/05/24 17:12	1
Naphthalene	ND		5.0	0.76	ug/L		03/04/24 09:37	03/05/24 17:12	1
Phenanthrene	ND		5.0	0.44	ug/L		03/04/24 09:37	03/05/24 17:12	1
Pyrene	ND		5.0	0.34	ug/L		03/04/24 09:37	03/05/24 17:12	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.52*	*T J*	*ug/L*		*2.81*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
1-Butanol	*3.08*	*T J N*	*ug/L*		*3.05*	*71-36-3*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*142*	*T J*	*ug/L*		*3.24*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*20.6*	*T J*	*ug/L*		*5.07*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*12.1*	*T J*	*ug/L*		*6.30*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
2-Propanol, 1-(2-methoxy-1-methylethoxy)-	*9.61*	*T J N*	*ug/L*		*6.32*	*20324-32-7*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
2-Propanol, 1-(2-methoxypropoxy)-	*19.8*	*T J N*	*ug/L*		*6.40*	*13429-07-7*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*88.8*	*T J*	*ug/L*		*7.72*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*72.3*	*T J*	*ug/L*		*7.74*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*2.85*	*T J*	*ug/L*		*7.81*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*
Unknown	*6.63*	*T J*	*ug/L*		*8.53*	*N/A*	*03/04/24 09:37*	*03/05/24 17:12*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-702518/1-A
Matrix: Water
Analysis Batch: 702639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702518

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	28.8	T J	ug/L		9.09	N/A	03/04/24 09:37	03/05/24 17:12	1
Unknown	8.12	T J	ug/L		11.30	N/A	03/04/24 09:37	03/05/24 17:12	1
Unknown	7.97	T J	ug/L		11.87	N/A	03/04/24 09:37	03/05/24 17:12	1
Unknown	17.4	T J	ug/L		12.30	N/A	03/04/24 09:37	03/05/24 17:12	1
Unknown	6.43	T J	ug/L		12.97	N/A	03/04/24 09:37	03/05/24 17:12	1
Unknown	3.93	T J	ug/L		13.44	N/A	03/04/24 09:37	03/05/24 17:12	1
Unknown	13.5	T J	ug/L		14.29	N/A	03/04/24 09:37	03/05/24 17:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		48 - 120	03/04/24 09:37	03/05/24 17:12	1
Nitrobenzene-d5 (Surr)	72		46 - 120	03/04/24 09:37	03/05/24 17:12	1
p-Terphenyl-d14 (Surr)	101		60 - 148	03/04/24 09:37	03/05/24 17:12	1

Lab Sample ID: LCS 480-702518/2-A
Matrix: Water
Analysis Batch: 702639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702518

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	33.1		ug/L		103	60 - 120
Acenaphthylene	32.0	34.3		ug/L		107	63 - 120
Anthracene	32.0	34.2		ug/L		107	67 - 120
Benzo[a]anthracene	32.0	35.1		ug/L		110	70 - 121
Benzo[a]pyrene	32.0	35.5		ug/L		111	60 - 123
Benzo[b]fluoranthene	32.0	34.5		ug/L		108	66 - 126
Benzo[g,h,i]perylene	32.0	35.2		ug/L		110	66 - 150
Benzo[k]fluoranthene	32.0	35.5		ug/L		111	65 - 124
Chrysene	32.0	36.4		ug/L		114	69 - 120
Dibenz(a,h)anthracene	32.0	35.7		ug/L		112	65 - 135
Fluoranthene	32.0	34.7		ug/L		108	69 - 126
Fluorene	32.0	34.4		ug/L		107	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	35.4		ug/L		111	69 - 146
Naphthalene	32.0	29.6		ug/L		92	57 - 120
Phenanthrene	32.0	29.7		ug/L		93	68 - 120
Pyrene	32.0	35.6		ug/L		111	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	98		48 - 120
Nitrobenzene-d5 (Surr)	89		46 - 120
p-Terphenyl-d14 (Surr)	108		60 - 148

QC Association Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

GC/MS VOA

Analysis Batch: 702373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217394-1	SB-1W	Total/NA	Water	8260C	
480-217394-2	SB-3W	Total/NA	Water	8260C	
MB 480-702373/8	Method Blank	Total/NA	Water	8260C	
LCS 480-702373/6	Lab Control Sample	Total/NA	Water	8260C	
480-217394-2 MS	SB-3W	Total/NA	Water	8260C	
480-217394-2 MSD	SB-3W	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 702518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217394-1	SB-1W	Total/NA	Water	3510C	
480-217394-2	SB-3W	Total/NA	Water	3510C	
MB 480-702518/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-702518/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 702639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217394-1	SB-1W	Total/NA	Water	8270D	702518
480-217394-2	SB-3W	Total/NA	Water	8270D	702518
MB 480-702518/1-A	Method Blank	Total/NA	Water	8270D	702518
LCS 480-702518/2-A	Lab Control Sample	Total/NA	Water	8270D	702518

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Client Sample ID: SB-1W
Lab Sample ID: 480-217394-1
Date Collected: 02/28/24 11:30
Matrix: Water
Date Received: 02/29/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	702373	ZN	EET BUF	03/01/24 15:28
Total/NA	Prep	3510C			702518	JMP	EET BUF	03/04/24 09:37
Total/NA	Analysis	8270D		5	702639	EMD	EET BUF	03/05/24 22:16

Client Sample ID: SB-3W
Lab Sample ID: 480-217394-2
Date Collected: 02/28/24 11:45
Matrix: Water
Date Received: 02/29/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		40	702373	ZN	EET BUF	03/01/24 15:51
Total/NA	Prep	3510C			702518	JMP	EET BUF	03/04/24 09:37
Total/NA	Analysis	8270D		5	702639	EMD	EET BUF	03/05/24 22:44

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

Method Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-217394-1
Project/Site: 26 & 60 Evans St. site

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-217394-1	SB-1W	Water	02/28/24 11:30	02/29/24 10:30
480-217394-2	SB-3W	Water	02/28/24 11:45	02/29/24 10:30

Chain of Custody Record

599296 eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Chris Bond	Site Contact: Nick Surma	Date: 2/28/24	COC No:
Company Name: Roux INC	Tel/Email: CBond@RouxInc.com	Lab Contact: Rich Fish	Carrier:	_____ of _____ COCs
Address: 255 Hanbury Three	Analysis Turnaround Time			Sampler:
City/State/Zip: Buffalo NY 14210	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 716-713-3937	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: 2660 Evans St				Job / SDG No.:
Site:				
PO # 4454.0001 Bond				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	CP-51 VOCs + TICs	CP-51 SVOCs + TICs	Sample Specific Notes:
SB-1W	2/28/24	11:30	G	AQ	5			X	X	
SB-3W	2/28/24	11:45	G	AQ	5			X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ 2, 1

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2,1 # ICE

480-217394 Chain of Custody

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: Roux	Date/Time: 2/28/24 13:15	Received by: Rich Johnson	Company: CET	Date/Time: 2/28/24 1350
Relinquished by: Rich Johnson	Company: CET	Date/Time: 2/28/24 1400	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 02/29/24 1430

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-217394-1

Login Number: 217394
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ROUX
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	