

November 3, 2021

Key Developers Inc.
670 Myrtle Avenue, Suite 370
Brooklyn NY 11205

Attn: J.J. Weiss

Re: Limited Due Diligence Environmental Site Investigation
94-01 Sutphin Boulevard – Jamaica, New York
Block 4837, 9999, Lot 1

Dear J.J.:

This letter report summarizes the findings of the Due Diligence Environmental Site Investigation (Phase II ESI) performed by Tenen Environmental, LLC (Tenen) at the above property located at 94-01 Sutphin Boulevard, Jamaica, New York (the Site) on October 19 and 20, 2021. The report includes a description of the sampling methodology and discusses the analytical results.

Background

The Site, located at 94-01 Sutphin Boulevard, Jamaica, New York (Tax Block 9999, Lot 1) is an irregularly shaped parcel with a total Site area of approximately 60,000 square feet (SF). The property has approximately 200 feet of frontage along Sutphin Boulevard, 175 feet of frontage along 94th Avenue, 425 feet of frontage along 95th Avenue, and 100 feet of frontage along 148th Street. The Site is located within the Special Downtown Jamaica District (DJ) and is zoned C6-4, denoting a major business district. The Site lot is currently vacant, with the exception of parking on the southeastern portion of the lot. A location map of the Site is included as Figure 1.

As part of due diligence, Tenen reviewed the following reports and diagram provided by Key Developers: 1) *Phase I Environmental Site Assessment (ESA)*, dated February 2021, prepared by Middleton Environmental (Middleton); 2) *Geotechnical Evaluation Report* dated June 2016 prepared by GeoDesign Incorporated ; and 3) NYC Department of Buildings ZD1 Zoning Diagram. The 2021 Phase I ESA identified potential sub-surface contamination associated with potential abandoned fuel oil tanks as a Recognized Environmental Condition (REC).

The objectives of the Due Diligence ESI were to evaluate soil, groundwater, and soil vapor across the Site. A geophysical survey was performed to locate the potential oil tanks in the area along 94th Avenue as identified in the 2021 Phase I. This due diligence letter report discusses the findings of the investigation performed on property.

Due Diligence Environmental Site Investigation

Site Geology. Fill material, containing bricks, cobbles, medium to coarse sand, silt, wood, ash, plastic, concrete, and construction and demolition (C&D) debris, was encountered to an average depth of

approximately 10 feet below grade (ft-bg). A layer of cork insulation was observed in TP- 12 at a depth of approximately 8 to 10 ft-bg. The fill material was underlain by native till material consisting of fine to medium grain sand with cobbles. Field notes for test pits TP-1 through TP-13 are presented in Appendix 1.

Site Hydrogeology. Groundwater was not encountered during subsurface investigations. The 2016 Geotechnical Evaluation Report reviewed by Tenen noted that groundwater was encountered at depths between 19 and 20.5 ft-bg. Local groundwater flow is anticipated to be in a southwesterly direction in the area of the Site.

Geophysical Survey. A geophysical survey was completed by X-Ray Utility Locating Service, Inc. of Lindenhurst, New York. The survey was conducted on October 18, 2021 using a ground-penetrating radar (GPR), cable-locating equipment, and a magnetometer. No tanks were located; however, potential tank piping was detected in line with fill ports located on the sidewalk along 94th Avenue. The GPR was also used to mark-out the underground utilities on the southwestern corner of the lot and in-line with a utility pole on the central southern portion of the Site. The geophysical survey report is included as Appendix 2.

Sampling Methodology. The methodologies used to collect soil, groundwater, and soil vapor samples are summarized below. Site maps depicting all screening and sampling locations are included as Figures 2 and 3.

Soil. Thirteen test pits (TP-1 through TP-13) were excavated throughout the Site to investigate subsurface conditions. Soil samples were collected from six of the 13 test pits: TP-2, TP-6, TP-7, TP-11, TP-12 and TP-13; two soil samples were collected from each of the six test pits. The 0-2 feet interval was sampled at each location. The second sample, collected from the intervals of highest suspected contamination, are as follows: 4-6 feet at location TP-11; 6-8 feet at location TP-7; 8-10 feet at locations TP-2, TP-6 and TP-12; and 9-11 feet at location TP-13. No duplicate samples were collected.

Test pits TP-8, TP-9 and TP-10 were excavated to approximately five ft-bg to investigate areas marked-out during the geophysical investigation. Test pit TP-5 encountered a layer of concrete at approximately five ft-bg. The remaining test pits were excavated to 10-12 ft-bg.

An excavator was used to dig test pits. Soil screening using a PID indicated non-detect to low-detect readings (max. 0.3 ppm).

Groundwater. Three 1-inch diameter temporary wells (TW-1, TW-2 and TW-3) were installed based on the presumed downgradient (TW-1 and TW-2) and upgradient (TW-3). The temporary wells were advanced to a depth of 28-30 feet to collect the groundwater samples. One groundwater sample was collected from each temporary well using a peristaltic pump.

A track-mounted Geoprobe® direct-push unit was used to install the temporary wells. Drilling was performed by Cascade Environmental of Lynbrook, New York.

Soil Vapor. Six soil vapor sample points (SV-1 through SV-6) were installed throughout the Site; six soil vapor samples and one ambient air sample were collected. Soil vapor probes were installed at a

depth of approximately three ft-bg. The soil vapor sampling probe was connected to new, dedicated tubing that was extended to grade. Sand was placed in the annular space above and around the probe and tubing to approximately two inches below the surface. The borehole above the sampling probe and sand to grade was sealed using an inert sealant (bentonite) to prevent ambient air mixing with the soil vapor. In accordance with the New York State Department of Health (NYSDOH) October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Soil Vapor Guidance) protocols, a tracer gas (helium) was used to verify the integrity of the soil vapor probe and sampling tube seals. A plastic chamber was sealed above the borehole. The sampling tube was pushed through the top of the sealed chamber. The atmosphere inside the chamber was enriched with the tracer gas (helium). A portable helium monitor was attached to the sampling tube to determine the presence of high concentrations (>10%) of the tracer gas.

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

The soil vapor sample was first screened for organic vapors using a photoionization detector (PID). The PID readings were recorded between 0.1 and 7.1 parts per million (ppm).

A summary of sample designations, media sampled and locations is shown below. Sampling locations are shown in Figures 2 and 3.

Identification of Regulatory Standards and Guidance Values

The soil results were compared to the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use SCOs as listed in 6 NYCRR Part 375-6.8(a) and Restricted-Residential Use (Restricted-Residential) SCOs as listed in 6 NYCRR Part 375-6.8(b).

Groundwater results were compared to the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (Class GA Standards).

Soil vapor results were compared to the US Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISL) for Residential Settings per the EPA OSWER VISL Calculator Version 3.4, updated May 2019. Based upon the anticipated residential redevelopment of the building, the results were compared with the Residential VISLs.

Analytical Results

All samples were preserved on ice and sent under chain-of-custody documentation to Alpha Analytical, Inc. (Alpha). Alpha is certified by the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) as LABIDs 11148 and 11627.

The soil samples were analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs) and Target Analyte List (TAL)

metals. The groundwater samples were analyzed for VOCs and SVOCs. The soil vapor samples were analyzed for TO-15 volatile organic compounds (VOCs).

The results of the sample analysis are presented below. Summaries of detected compounds in soil, groundwater, and soil vapor samples are included in Tables 1 through 7. Laboratory deliverables are included in Appendix 3.

Soil

One VOC, acetone, was detected at a concentration above the Unrestricted Use SCO. Of note, acetone is a common laboratory artifact. No VOCs were detected above Restricted-Residential Use SCOs.

Several SVOCs, most notably polyaromatic hydrocarbons (PAHs) were detected in shallow and deep soil samples at concentrations above the Restricted Residential Use SCOs. These detections are consistent with constituents found in historic fill material.

The following pesticides were detected above Unrestricted Use SCOs: dieldrin, 4,4'-DDE, 4,4'-DDD, and 4,4'-DDT. Two PCBs, Aroclor 1248 and Aroclor 1260, were detected above Unrestricted Use SCOs. No PCBs or pesticides were detected above Restricted-Residential Use SCOs.

The metals lead and zinc were detected in soil at concentrations above Unrestricted Use SCOs. These compounds are consistent with constituents found in fill material. Additionally, total mercury was detected at a concentration above both Unrestricted Use and Restricted-Residential Use SCOs within the shallow soil at TP-2 (0-2) (0.823 mg/kg above the Restricted-Residential Use SCO of 0.81 mg/kg).

Groundwater

The chlorinated VOC tetrachloroethene (PCE) was detected in one groundwater sample (TW-3) at a concentration of 24 ug/l, above the Class GA Standard of 5 ug/l. Chloroform, a common laboratory artifact, was detected in one sample (TW-2) at a concentration of 9.1 ug/l, above the Class GA Standard of 7 ug/l.

Three PAH's were detected above their corresponding Class GA Standards including: benzo(a)anthracene, benzo(b)fluoranthene, and chrysene.

Soil Vapor

The chlorinated VOC (cVOC) tetrachloroethene (PCE) was detected in all six soil vapor samples, ranging in concentration from 19.7 micrograms per cubic meter (ug/m^3) to $125 \text{ ug}/\text{m}^3$. Trichloroethene (TCE) and 1,1,1-trichloroethene were detected in five of the six soil vapor samples; TCE was detected at concentrations ranging from $2.07 \text{ ug}/\text{m}^3$ to $6.93 \text{ ug}/\text{m}^3$, and 1,1,1-trichloroethene was detected at concentrations ranging from $2.31 \text{ ug}/\text{m}^3$ to $10.3 \text{ ug}/\text{m}^3$. Methylene chloride was detected in two samples, with a maximum concentration of $4.38 \text{ ug}/\text{m}^3$. No other cVOCs were detected in soil vapor samples.

Several petroleum-related VOCs were detected in soil vapor samples, including the following: benzene [max: $8.15 \text{ ug}/\text{m}^3$], toluene [max: $266 \text{ ug}/\text{m}^3$], ethylbenzene [max: $2.65 \text{ ug}/\text{m}^3$], p/m-xylene [max: 7.08

ug/m³], o-xylene [max: 2.84 ug/m³], 1,2,4-trimethylbenzene [max: 4.37 ug/m³] and 1,3,5-trimethylbenzene [max: 1.53 ug/m³].

The VOCs chloroform [max. 101 ug/m³] and 1,3-butadiene [3.96 ug/m³] were detected above the EPA Residential VISL of 4.07 ug/m³ and 3.12 ug/m³, respectively, in one or more samples. No other compounds were detected above the EPA Residential VISLs.

Conclusions

The results of the Phase II Due Diligence environmental Site investigation indicate the following:

- The GPR could not successfully confirm the presence of underground gasoline storage tanks.
- Chlorinated VOCs and petroleum-related VOCs were present in soil vapor samples.
- PCE was present in all soil vapor samples, at a maximum concentration of 125 ug/m³.
- VOCs were not detected in soil above the Unrestricted Use SCOs, with the exception of acetone, a common laboratory artifact.
- Historic-fill related PAHs and metals were detected in soil above the Unrestricted Use and Restricted-Residential Use SCOs. Of note, mercury was detected at a concentration of 0.823 mg/kg.
- Pesticides and PCBs were not detected above the Restricted-Residential Use SCOs. Four pesticides and two PCBs were detected above the Unrestricted Use SCO.
- The chlorinated VOC tetrachloroethene (PCE) was detected in one groundwater sample above the Class GA Standards.
- Historic fill-related SVOCs were detected above the Class GA Standards.

Please contact us if you need any additional information.

Sincerely,
Tenen Environmental, LLC



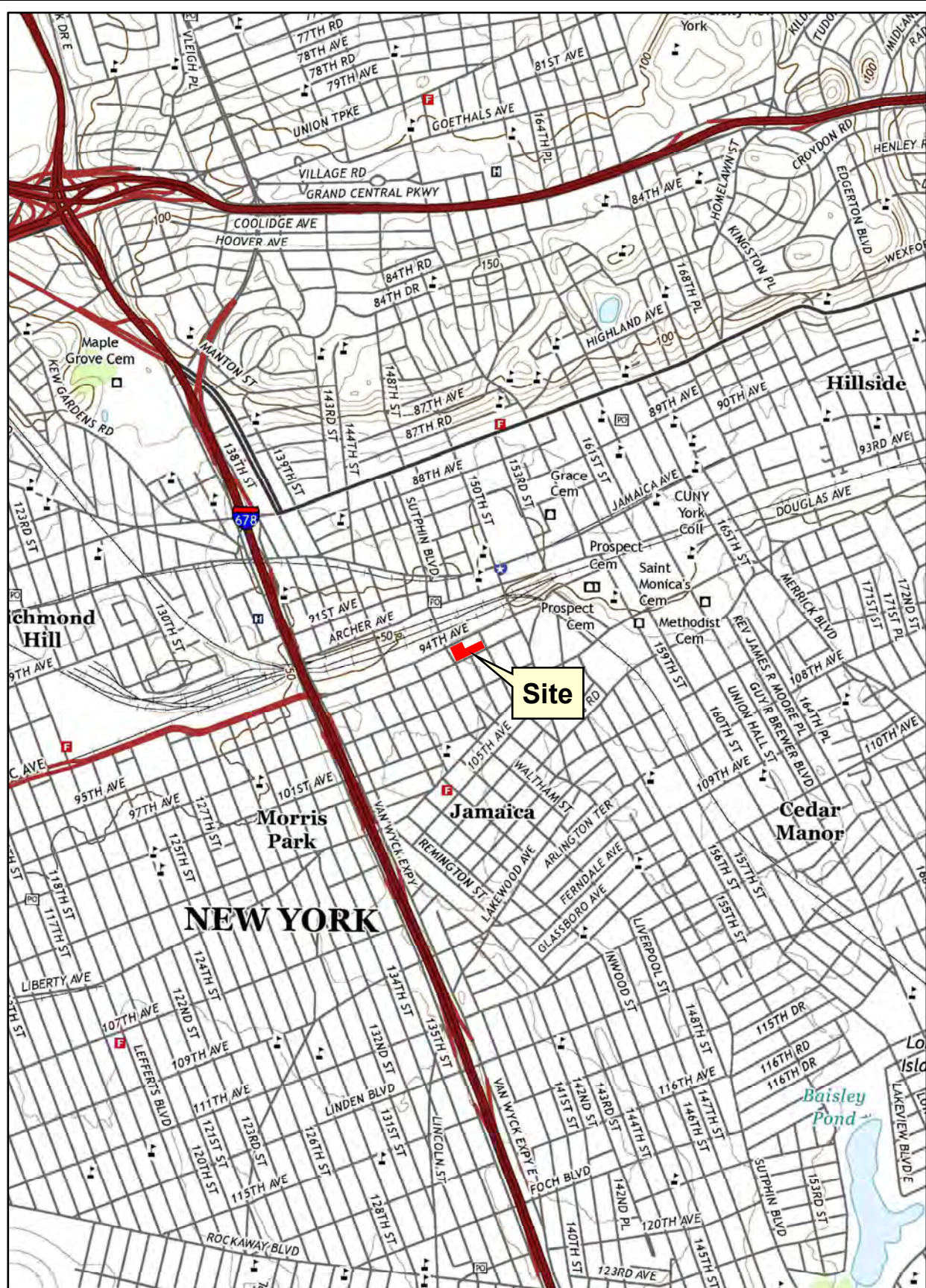
Matthew Carroll, P.E.
Principal / Environmental Engineer

Figure 1 Site Location
Figure 2 Test Pit Locations
Figure 3 Groundwater and Soil Vapor Sample Locations

Tables 1 through 7 Analytical Results

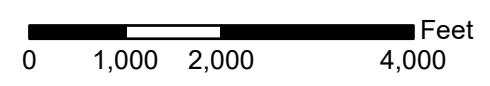
Appendix 1 Field Notes
Appendix 2 Geophysical Survey
Appendix 3 Laboratory Deliverables

Figures



Basemap: USGS Topographic Map, 7.5 Minute Quadrangles, Central Park, NY & Brooklyn, NY

Site Location



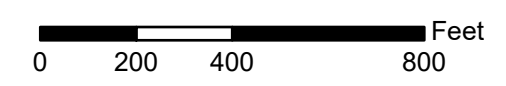
<http://gis.nyc.gov/taxmap/map.htm>

Department of Finance Digital Tax Map



Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
 NYC Department of City Planning, Information Technology Division

Department of City Planning MapPLUTO - 2021 v2



Site

TENEN ENVIRONMENTAL

**94-01 Sutphin Blvd.
 Queens, New York
 Block 9999, Lot 1**

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

Drawn By LM

Checked By SB

Date October 2021

Scale As Noted

Site Location Map

Figure 1

Drawing Title

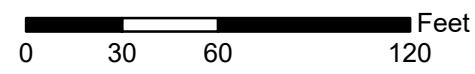
Drawing No



Basemap: Nearmap Aerial 8/12/2021
 NYC Department of City Planning, Information Technology Division



- Legend**
- Test Pit Location
 - Site Boundary



Site

**94-01 Sutphin Blvd.
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 Block 9999, Lot 1**



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Drawn By	LM
Checked By	SB
Date	October 2021
Scale	As Noted




Drawing Title	Test Pit Locations
	Figure 2
Drawing No	

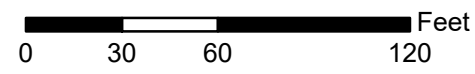


Basemap: Nearmap Aerial 8/12/2021
 NYC Department of City Planning, Information Technology Division



Legend

-  Soil Vapor Sample Location
-  Temporary Groundwater Well
-  Site Boundary



Site

**94-01 Sutphin Blvd.
 Queens, New York
 Block 9999, Lot 1**



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 121 West 27th Street
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Drawn By	LM
Checked By	CZ
Date	October 2021
Scale	As Noted

**Groundwater and Soil
 Vapor Sample Locations**

Figure 3

Drawing Title

Drawing No

Tables

Table 2: Semivolatile Organic Compounds (SVOCs) in Soil
94-01 Sulphin Boulevard, Jamaica, NY
Due Diligence Investigation

Table with columns for Sample ID, Lab ID, Collection Date, NY-RESRR, NY-UNRES, and 20 TP (TP-6 (0-2) to TP-13 (9-11)) columns. Rows list various Semivolatile Organic Compounds such as 1,2,4-Trichlorobenzene, Hexachlorobenzene, Bis(2-chloroethyl)ether, etc., with associated concentration data.

Notes
NY-RESRR: Restricted-Residential Criteria, New York Restricted use current as of 5/2007
NY-UNRES: New York Unrestricted use Criteria current as of 5/2007
Cells highlighted in yellow indicate concentrations above the NY-UNRES
Cells highlighted in orange indicate concentrations above the NY-RESRR
DUP = designation for duplicate sample
MDL = Maximum Detection Limit
RL = Reporting Limit
Qual = Laboratory Data Qualifier
RI = Analytical results are from sample re-analysis
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in milligrams per kilogram

Table 4: Metals in Soil
 94-01 Sutphin Boulevard, Jamaica, NY
 Due Diligence Investigation

SAMPLE ID: LAB ID: COLLECTION DATE: Total Metals Units: mg/kg	NY- RESRR	NY- UNRES	TP-6 (0-2)		TP-6 (8-10)		TP-7 (0-2)		TP-7 (6-8)		TP-2 (0-2)		TP-2 (8-10)		TP-11 (0-2)		TP-11 (4-6)		TP-12 (0-2)		TP-12 (8-10)		TP-13 (0-2)		TP-13 (9-11)			
			L2157110-01		L2157110-02		L2157110-03		L2157110-04		L2157110-05		L2157110-06		L2157110-07		L2157110-08		L2157110-09		L2157110-10		L2157110-11		L2157110-12			
			10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021		10/19/2021	
		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	
Aluminum, Total	--	--	5080		6350		5840		5250		4830		5040		5160		4840		5520		5730		7010		6680			
Antimony, Total	--	--	0.31	U	0.362	U	0.881	J	0.452	J	0.618	J	0.54	J	0.306	U	0.422	U	0.316	U	0.504	U	0.359	U	0.331	U		
Arsenic, Total	16	13	2.26		4.14		3.28		6.54		3.39		4.68		2.56		2.98		3.93		2.85		3.33		2.78			
Barium, Total	400	350	36.9		150		78.1		151		138		171		38.1		62.6		50.7		51.8		84.2		43.5			
Beryllium, Total	72	7.2	0.147	J	0.333	J	0.229	J	0.257	J	0.2	J	0.128	J	0.169	J	0.111	J	0.2	J	0.093	J	0.264	J	0.235	J		
Cadmium, Total	4.3	2.5	0.391	J	1.21		0.483	J	1.08		0.576	J	1.04		0.363	J	0.611	J	0.333	J	0.424	J	0.368	J	0.383	J		
Calcium, Total	--	--	3420		41300		5150		27100		13100		47400		2920		85900		4100		80800		2710		5130			
Chromium, Total	--	--	10.3		9.25		13.5		12.7		13		11.3		11.8		10.7		11		9.42		13.4		14.1			
Cobalt, Total	--	--	4.59		3.12		6.14		5.17		4.78		4.63		4.84		2.98		4.11		2.59	J	5.55		5.11			
Copper, Total	270	50	16.3		19		25.2		35.3		24.2		29.7		16.2		19.2		18.1		14.7		18.9		17.9			
Iron, Total	--	--	12000		15900		16600		18800		18500		23000		12200		10100		11000		7740		15300		14000			
Lead, Total	400	63	37.4		96.7		136		180		122		121		45.6		45.4		41.5		16.7		65.3		30.8			
Magnesium, Total	--	--	2050		3970		1830		2370		2910		4390		2350		2990		2590		3400		2200		2240			
Manganese, Total	2000	1600	188		388		284		184		246		280		191		137		174		129		236		297			
Mercury, Total	0.81	0.18	0.056	U	0.083	J	0.11		0.1		0.823		0.225		0.057	J	0.077	U	0.083		0.083	U	0.101		0.062	U		
Nickel, Total	310	30	7.52		7.34		10.9		27.6		12.4		10.3		10.1		7.44		9.97		6.22		11.9		9.56			
Potassium, Total	--	--	629		1110		826		595		712		969		589		1070		566		986		694		716			
Selenium, Total	180	3.9	0.21	U	0.246	U	0.218	U	0.54	J	0.743	J	0.439	J	0.208	U	0.4	J	0.292	J	0.557	J	0.244	U	0.225	U		
Silver, Total	180	2	0.23	U	0.269	U	0.24	U	0.251	U	0.236	U	0.259	U	0.228	U	0.314	U	0.236	U	0.375	U	0.267	U	0.247	U		
Sodium, Total	--	--	43	J	377		56.1	J	268		76.1	J	238		36.5	J	258		40.6	J	394		54.6	J	69.7	J		
Thallium, Total	--	--	0.256	U	0.3	U	0.267	U	0.279	U	0.263	U	0.288	U	0.254	U	0.35	U	0.262	U	0.418	U	0.297	U	0.274	U		
Vanadium, Total	--	--	15.9		13.8		21.1		15		16.4		20.3		20.8		15.5		14.5		11		21		19.2			
Zinc, Total	10000	109	51.9		591		87.1		289		176		347		45.4		156		63.2		65.4		61.5		46.9			

Notes:
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 Cells highlighted in yellow indicate concentrations above the NY-UNRES
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 For J qualified entries, the estimated concentration is shown
 J = estimated value, indicating the detected value is below the RL, but above the MDL
 -- = No standard
 Results and MDL values are in milligrams per kilogram

Table 5: Volatile Organic Compounds (VOCs) in Groundwater
 94-01 Sulphin Boulevard, Jamaica, NY
 Due Diligence Investigation

SAMPLE ID: LAB ID: COLLECTION DATE: Volatile Organic Compounds Units: ug/l	NY-AWQS	TW-1 L2157396-01 10/20/2021		TW-2 L2157396-02 10/20/2021		TW-3 L2157396-03 10/20/2021	
		Conc	Q	Conc	Q	Conc	Q
		Methylene chloride	5	0.7	U	0.7	U
1,1-Dichloroethane	5	0.7	U	0.7	U	0.7	U
Chloroform	7	0.7	U	9.1		0.7	U
Carbon tetrachloride	5	0.13	U	0.13	U	0.13	U
1,2-Dichloropropane	1	0.14	U	0.14	U	0.14	U
Dibromochloromethane	50	0.15	U	0.15	U	0.15	U
1,1,2-Trichloroethane	1	0.5	U	0.5	U	0.5	U
Tetrachloroethene	5	3		0.91		24	
Chlorobenzene	5	0.7	U	0.7	U	0.7	U
Trichlorofluoromethane	5	0.7	U	0.7	U	0.7	U
1,2-Dichloroethane	0.6	0.13	U	0.13	U	0.13	U
1,1,1-Trichloroethane	5	0.7	U	0.7	U	0.7	U
Bromodichloromethane	50	0.19	U	0.19	U	0.19	U
trans-1,3-Dichloropropene	0.4	0.16	U	0.16	U	0.16	U
cis-1,3-Dichloropropene	0.4	0.14	U	0.14	U	0.14	U
1,3-Dichloropropene, Total		0.14	U	0.14	U	0.14	U
1,1-Dichloropropene	5	0.7	U	0.7	U	0.7	U
Bromoform	50	0.65	U	0.65	U	0.65	U
1,1,2,2-Tetrachloroethane	5	0.17	U	0.17	U	0.17	U
Benzene	1	0.16	U	0.16	U	0.16	U
Toluene	5	0.7	U	0.7	U	0.7	U
Ethylbenzene	5	0.7	U	0.7	U	0.7	U
Chloromethane		0.7	U	0.7	U	0.7	U
Bromomethane	5	0.7	U	0.7	U	0.7	U
Vinyl chloride	2	0.07	U	0.07	U	0.07	U
Chloroethane	5	0.7	U	0.7	U	0.7	U
1,1-Dichloroethene	5	0.17	U	0.17	U	0.17	U
trans-1,2-Dichloroethene	5	0.7	U	0.7	U	0.7	U
Trichloroethene	5	0.18	J	0.18	J	0.2	J
1,2-Dichlorobenzene	3	0.7	U	0.7	U	0.7	U
1,3-Dichlorobenzene	3	0.7	U	0.7	U	0.7	U
1,4-Dichlorobenzene	3	0.7	U	0.7	U	0.7	U
Methyl tert butyl ether	10	0.7	U	0.7	U	0.7	U
p/m-Xylene	5	0.7	U	0.7	U	0.7	U
o-Xylene	5	0.7	U	0.7	U	0.7	U
Xylenes, Total		0.7	U	0.7	U	0.7	U
cis-1,2-Dichloroethene	5	0.7	U	0.7	U	0.7	U
1,2-Dichloroethene, Total		0.7	U	0.7	U	0.7	U
Dibromomethane	5	1	U	1	U	1	U
1,2,3-Trichloropropane	0.04	0.7	U	0.7	U	0.7	U
Acrylonitrile	5	1.5	U	1.5	U	1.5	U
Styrene	5	0.7	U	0.7	U	0.7	U
Dichlorodifluoromethane	5	1	U	1	U	1	U
Acetone	50	1.5	U	1.5	U	1.5	U
Carbon disulfide	60	1	U	1	U	1	U
2-Butanone	50	1.9	U	1.9	U	1.9	U
Vinyl acetate		1	U	1	U	1	U
4-Methyl-2-pentanone		1	U	1	U	1	U
2-Hexanone	50	1	U	1	U	1	U
Bromochloromethane	5	0.7	U	0.7	U	0.7	U
2,2-Dichloropropane	5	0.7	U	0.7	U	0.7	U
1,2-Dibromoethane	0.0006	0.65	U	0.65	U	0.65	U
1,3-Dichloropropane	5	0.7	U	0.7	U	0.7	U
1,1,1,2-Tetrachloroethane	5	0.7	U	0.7	U	0.7	U
Bromobenzene	5	0.7	U	0.7	U	0.7	U
n-Butylbenzene	5	0.7	U	0.7	U	0.7	U
sec-Butylbenzene	5	0.7	U	0.7	U	0.7	U
tert-Butylbenzene	5	0.7	U	0.7	U	0.7	U
o-Chlorotoluene	5	0.7	U	0.7	U	0.7	U
p-Chlorotoluene	5	0.7	U	0.7	U	0.7	U
1,2-Dibromo-3-chloropropane	0.04	0.7	U	0.7	U	0.7	U
Hexachlorobutadiene	0.5	0.7	U	0.7	U	0.7	U
Isopropylbenzene	5	0.7	U	0.7	U	0.7	U
p-Isopropyltoluene	5	0.7	U	0.7	U	0.7	U
Naphthalene	10	0.7	U	0.7	U	0.7	U
n-Propylbenzene	5	0.7	U	0.7	U	0.7	U
1,2,3-Trichlorobenzene	5	0.7	U	0.7	U	0.7	U
1,2,4-Trichlorobenzene	5	0.7	U	0.7	U	0.7	U
1,3,5-Trimethylbenzene	5	0.7	U	0.7	U	0.7	U
1,2,4-Trimethylbenzene	5	0.7	U	0.7	U	0.7	U
1,4-Dioxane		61	U	61	U	61	U
p-Diethylbenzene		0.7	U	0.7	U	0.7	U
p-Ethyltoluene		0.7	U	0.7	U	0.7	U
1,2,4,5-Tetramethylbenzene	5	0.54	U	0.54	U	0.54	U
Ethyl ether		0.7	U	0.7	U	0.7	U
trans-1,4-Dichloro-2-butene	5	0.7	U	0.7	U	0.7	U
Total VOCs		3.18	-	10.19	-	24.2	-

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

Table 6: Semivolatile Organic Compounds (SVOCs) in Groundwater
 94-01 Sutphin Boulevard, Jamaica, NY
 Due Diligence Investigation

SAMPLE ID: LAB ID: COLLECTION DATE: Semivolatile Organic Compounds Units: ug/l	NY-AWQS	TW-1		TW-2		TW-3	
		L2157396-01		L2157396-02		L2157396-03	
		10/20/2021		10/20/2021		10/20/2021	
		Conc	Q	Conc	Q	Conc	Q
1,2-Dichlorobenzene	3	0.45	U	0.45	U	0.45	U
1,2,4-Trichlorobenzene	5	0.5	U	0.5	U	0.5	U
1,2,4,5-Tetrachlorobenzene	5	0.44	U	0.44	U	0.44	U
1,3-Dichlorobenzene	3	0.4	U	0.4	U	0.4	U
1,4-Dichlorobenzene	3	0.43	U	0.43	U	0.43	U
2-Chloronaphthalene	10	0.02	U	0.02	U	0.06	J
2-Chlorophenol		0.48	U	0.48	U	0.48	U
2-Methylnaphthalene		0.03	J	0.03	J	0.05	J
2-Methylphenol		0.49	U	0.49	U	0.49	U
2-Nitroaniline	5	0.5	U	0.5	U	0.5	U
2-Nitrophenol		0.85	U	0.85	U	0.85	U
2,4-Dichlorophenol	1	0.41	U	0.41	U	0.41	U
2,4-Dimethylphenol	50	1.8	U	1.8	U	1.8	U
2,4-Dinitrophenol	10	6.6	U	6.6	U	6.6	U
2,4-Dinitrotoluene	5	1.2	U	1.2	U	1.2	U
2,4,5-Trichlorophenol		0.77	U	0.77	U	0.77	U
2,4,6-Trichlorophenol		0.61	U	0.61	U	0.61	U
2,6-Dinitrotoluene	5	0.93	U	0.93	U	0.93	U
3-Methylphenol/4-Methylphenol		0.48	U	0.48	U	0.48	U
3-Nitroaniline	5	0.81	U	0.81	U	0.81	U
3,3'-Dichlorobenzidine	5	1.6	U	1.6	U	1.6	U
4-Bromophenyl phenyl ether		0.38	U	0.38	U	0.38	U
4-Chloroaniline	5	1.1	U	1.1	U	1.1	U
4-Chlorophenyl phenyl ether		0.49	U	0.49	U	0.49	U
4-Nitroaniline	5	0.8	U	0.8	U	0.8	U
4-Nitrophenol		0.67	U	0.67	U	0.67	U
4,6-Dinitro-o-cresol		1.8	U	1.8	U	1.8	U
Acenaphthene	20	0.06	J	0.01	U	0.03	J
Acenaphthylene		0.02	J	0.01	U	0.02	J
Acetophenone		0.53	U	0.53	U	0.53	U
Anthracene	50	0.24		0.1	J	0.09	J
Benzo(a)anthracene	0.002	0.04	J	0.02	U	0.02	U
Benzo(a)pyrene	0	0.02	U	0.02	U	0.02	U
Benzo(b)fluoranthene	0.002	0.01	J	0.01	U	0.01	J
Benzo(ghi)perylene		0.01	U	0.01	U	0.01	U
Benzo(k)fluoranthene	0.002	0.01	U	0.01	U	0.01	U
Benzoic Acid		2.6	U	2.6	U	2.6	U
Benzyl Alcohol		0.59	U	0.59	U	0.59	U
Biphenyl		0.46	U	0.46	U	0.46	U
Bis(2-chloroethoxy)methane	5	0.5	U	0.5	U	0.5	U
Bis(2-chloroethyl)ether	1	0.5	U	0.5	U	0.5	U
Bis(2-chloroisopropyl)ether	5	0.53	U	0.53	U	0.53	U
Bis(2-ethylhexyl)phthalate	5	1.5	U	1.5	U	1.5	U
Butyl benzyl phthalate	50	1.2	U	1.2	U	1.2	U
Carbazole		0.49	U	0.49	U	0.49	U
Chrysene	0.002	0.03	J	0.01	U	0.01	J
Di-n-butylphthalate	50	0.39	U	0.39	U	0.39	U
Di-n-octylphthalate	50	1.3	U	1.3	U	1.3	U
Dibenzo(a,h)anthracene		0.01	U	0.01	U	0.01	U
Dibenzofuran		0.5	U	0.5	U	0.5	U
Diethyl phthalate	50	0.38	U	0.38	U	0.38	U
Dimethyl phthalate	50	1.8	U	1.8	U	1.8	U
Fluoranthene	50	0.25		0.15		0.08	J
Fluorene	50	0.11		0.06	J	0.08	J
Hexachlorobenzene	0.04	0.01	U	0.01	U	0.02	J
Hexachlorobutadiene	0.5	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	5	0.69	U	0.69	U	0.69	U
Hexachloroethane	5	0.06	U	0.06	U	0.06	U
Indeno(1,2,3-cd)pyrene	0.002	0.01	U	0.01	U	0.01	U
Isophorone	50	1.2	U	1.2	U	1.2	U
n-Nitrosodi-n-propylamine		0.64	U	0.64	U	0.64	U
Naphthalene	10	0.07	J	0.08	J	0.05	U
NDPA/DPA	50	0.42	U	0.42	U	0.42	U
Nitrobenzene	0.4	0.77	U	0.77	U	0.77	U
p-Chloro-m-cresol		0.35	U	0.35	U	0.35	U
Pentachlorophenol	1	0.01	U	0.01	U	0.01	U
Phenanthrene	50	1.3		0.66		0.46	
Phenol	1	0.57	U	0.57	U	0.57	U
Pyrene	50	0.37		0.21		0.09	J

Notes:

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
 Cells highlighted in yellow indicate concentrations above the NY-AWQS

MDL = Maximum Detection Limit

RL = Reporting limit

Q = Laboratory Data Qualifier

For U qualified entries, the MDL is shown

U = not detected at or above the MDL

For J qualified entries, the estimated concentration is shown

J = estimated value, indicating the detected value is below the RL, but above the MDL

-- = No standard

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

Appendix 1

Field Notes

94-01 Sutphin Blvd 10-19-21

13

0700 Tenen (S. Babyatsky, C. Zacchia) on site
Excavator (Fred) on site

Weather 51°F, clear

Purpose Test pits, install 3 wells (28 ft - dg),
install 6 sv points (3 ft - dg)

0727 Digging TP 1

0-2 Fill (light brown sand, brick,
concrete, rock, CED)

2-10 Fill (CED) brown medium
sand, some silt)

PID 0.0 ppm

Slab @ ~10'

0745 TP 2 - adjacent to fill ports

0-2 loose brown sand, fill (CED)

(brick, concrete, rock) PID 0.0

2-8.9 Fill (med brown sand, CED, some
silt)

2-4 PID 0.3 ppm

4-6 PID 0.1 ppm

^{SB} 6-8 PID 0.0 ppm

9.8-10 Native (tan & brown med
loose sand) PID 0.0

Slab at ~9 ft., native material
below slab.

19-21

94-01 Sutphin Blvd

10-19-21

15

0810 TP-3

0-2 Fill (loose brown sand, brick concrete)

2-7 Fill (brown sand w/silt, (C&D))

7-10 Native (tan & brown loose med sand)

PIDs 0.0

Foundation @ ~6'7" (footing)

0830 TP-4

0-2 Fill (SAA)

2-10 Fill (C&D) SAA

10-11 Native SAA & cave-in

PIDs 0.0

0900 TP-5

0-2 FILL SAA, rebar

2-5 FILL, concrete, loose br, med sand
brick

Concrete at ~5', can't dig further
in this test pit.

PIDs 0.0

0930 TP-6 Slab @ ~10'

0-2 FILL SAA

2-4 Fill (br med-coarse sand,
some silt, rock, bricks, concrete,
pebbles, (C&D))

Scale: 1 square =

Rate in the R

11 ports
94-11
94-11

TP-6 cont'd

4-6 ~~4-10~~ 4-10 Fill (Dark brown sand,
silt, CED)

10-12 Native (brown med to
coarse sand, pebbles)

came in

PIDs 0.0

TP-7

0-2 Fill (loose H br sand (fine-med), rocks,
gravel, some brick)

2-10 Fill (br sand, silt, CED)
Dark sand 6-8

10-12 Native SAA

PIDs 0.0

Sampled

TP-6 (0-2) @ 11 10

TP-6 (8-10) @ 11 15

TP-7 (0-2) @ 11 22

TP-7 (6-8) @ 11 30

TP-8 on mark-out area by fill
port

0.5 fill, CED

No evidence of tank or
contam. PID 0.0

TP-9 digging to evaluate markout
from GPR (metal detected)

cast-iron waste pipe at ~3 ft by
rebar

TP-10 digging to evaluate GPR
markout

rebar & scrap metal in CED

TP-11

0-2 fill (~~loose~~ loose brown sand, pebbles,
gravel, concrete, debris, wood)

2-10 ~~2-8~~ fill (brown sand, CED)

Dark brown sand 4-10 ash 4-6

Slab @ 10'. Wet 4-8' PID 0.0

* Collected sample:

TP-2 (0-2) @ 1300

TP-2 (8-10) @ 1305

TP-11 (0-2) @ 1310

TP-11 (4-6) @ 1315

10-19-21 94-01 Sutphin

TP-12

0-2 Fill (loose brown sand, glass pebbles, gravel, rock, brick concrete)

2-5 Fill (brown sand, C&D)

8-10 ~~8-9~~ Slab & fill, layer of cork (dark grey/black) insulation, wet (perched)

~ 10' - 2nd slab

PID's 0.0

*collected:

TP-12 (0-2) @ 1330

TP-12 (8-10) @ 1335

TP-13

0-2 Fill (loose brown sand, gravel, pebbles, rock, brick, plastic, concrete)

2-10 ~~9~~ Fill C&D (concrete, brick, wood)

Slab @ ~~10-11~~ 9'

9-11 ~~11~~ (below slab) Silty sand, brown, wet, some staining →

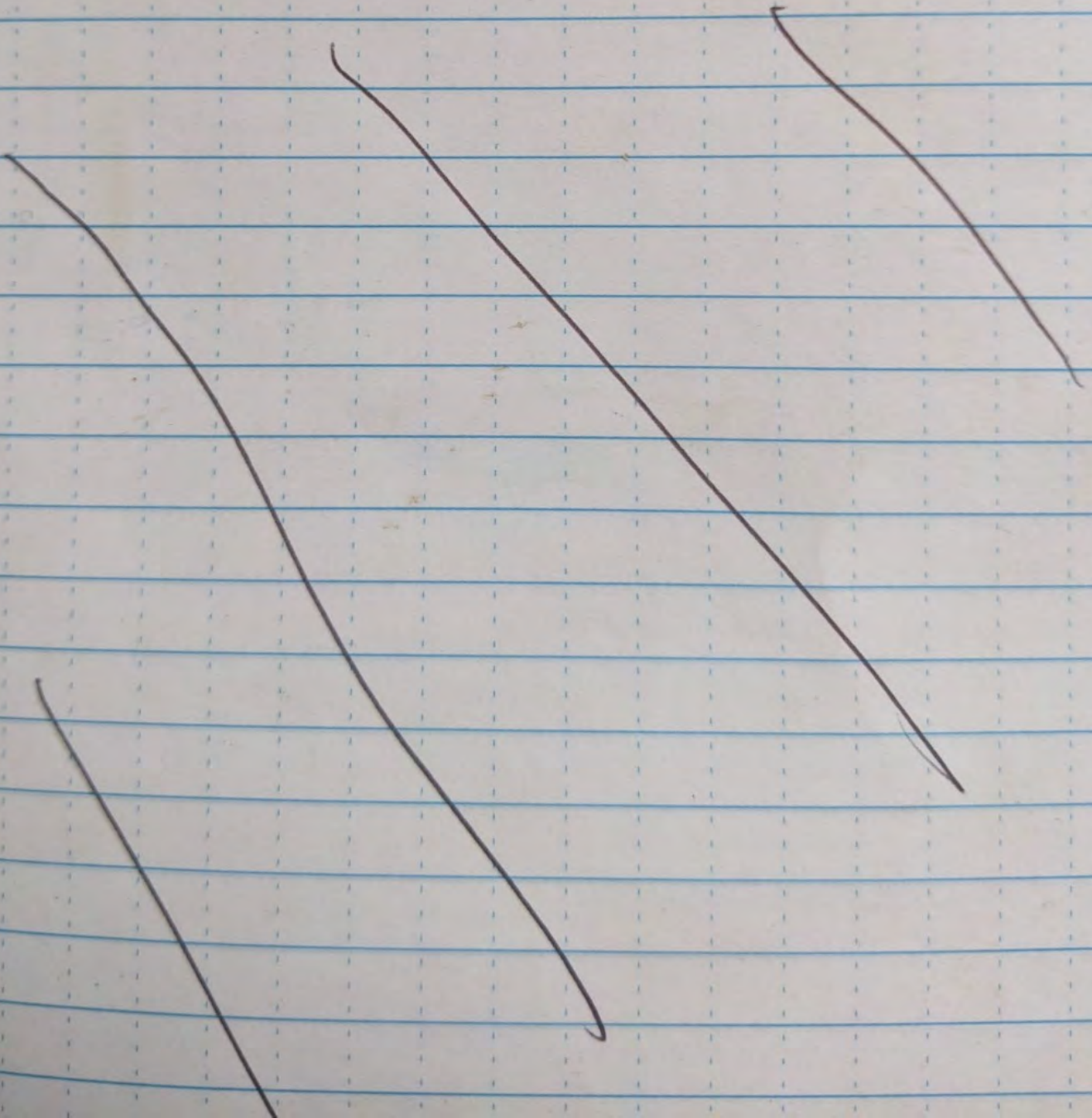
x collected TP-13 (0-2) @ 1345

TP-13 (9-11) @ 1400

TP-13 (9-11) additional concrete
slab @ 11 ft and some
additional fill around 9 ft

1415 Alpha on site for pick-up

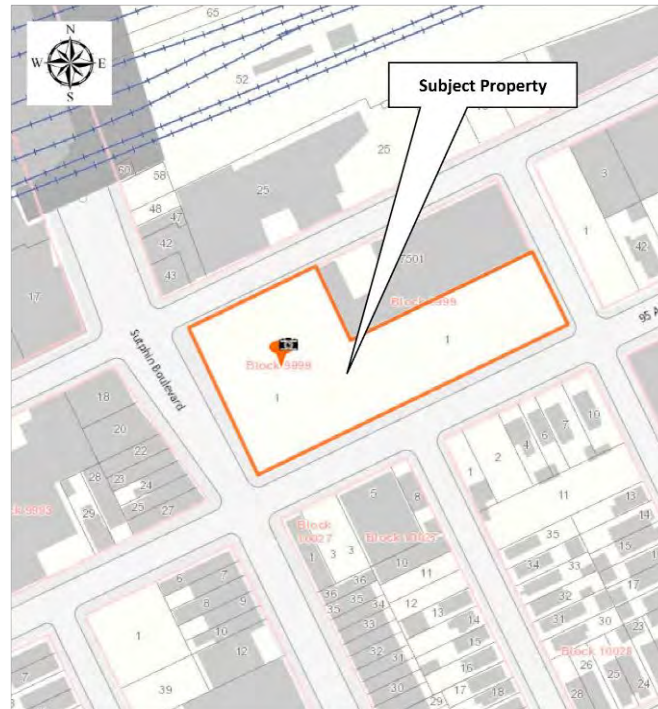
1445 Tenen off site



Appendix 2

Geophysical Survey

X-Ray Utility Locating Service INVESTIGATION DATA REPORT



CLIENT	Tenen
ADDRESS	94-01 Sutphin Blvd. Jamaica, NY
DATE	10/18/2021



Scope of Work

Perform a scan of entire area shown on map for potential USTs and/or utilities based on historic data maps

Summary of Findings

Historical maps of the property were provided. Based on the data from those maps and a visual inspection of the area, I scanned for possible former USTs. After a thorough scan with the GPR and magnetometer I did not locate any tanks, however, I did find possible tank piping which lined up with remote fill ports in the sidewalk. I followed the pipe-like GPR anomalies (2 lines) as far as I could until the images were no longer visible. I performed a more concentrated scan in the area surrounding the ends of the anomalies but did not show significant data identifying a tank. There is a utility pole with an active meter attached to it. All the electrical cables have been removed with the exception of the ground. Using the RD8000 (**See below) I picked up 2 lines with current running through them in the southwest corner of the lot. I could not confirm these lines as electric but should be treated as such. I also marked several unidentified GPR anomalies throughout the property.

Equipment Utilized

- **Metrotech 810 Line Locator** – with this instrument we can use a direct connection to a utility line, tracer wire, shut-off valve or metallic pipe. This transmits a signal through the line which can be traced via the matching 810kh receiver. Another common connection is by an inductive clamp which allows us to put a signal on a cable or conduit when the option to connect to exposed wires is not available. There is also the ability to transmit radio signals through the ground using the transmitter box. This allows the receiver to pick up any buried metallic lines alive or disconnected. Very useful when a connection access point is not available
- **Radiodetection RD8000** – This instrument is capable of line locating similar to the Metrotech 810 except with the option to use multiple frequencies. It's most valuable and efficient use is in "POWER" mode which allows the receiver alone, without the transmitter, to trace electric current running through a line. This also includes water lines that have electric grounded to it.
- The **GSSI SIR-4000 Ground Penetrating Radar (GPR)** – This instrument is useful for verifying buried utilities, locating UST's, and locating any non-metallic pipe or utility line such as a plastic gas service or drainpipe

Photos













Appendix 3

Laboratory Deliverables



ANALYTICAL REPORT

Lab Number:	L2157110
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	94-01 SUTPHIN BLVD
Project Number:	94-01 SUTPHIN BLVD
Report Date:	10/29/21

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

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



Project Name: 94-01 SUTPHIN BLVD

Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Report Date: 10/29/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2157110-01	TP-6 (0-2)	SOIL	JAMAICA, NY	10/19/21 11:10	10/19/21
L2157110-02	TP-6 (8-10)	SOIL	JAMAICA, NY	10/19/21 11:15	10/19/21
L2157110-03	TP-7 (0-2)	SOIL	JAMAICA, NY	10/19/21 11:22	10/19/21
L2157110-04	TP-7 (6-8)	SOIL	JAMAICA, NY	10/19/21 11:30	10/19/21
L2157110-05	TP-2 (0-2)	SOIL	JAMAICA, NY	10/19/21 13:00	10/19/21
L2157110-06	TP-2 (8-10)	SOIL	JAMAICA, NY	10/19/21 13:05	10/19/21
L2157110-07	TP-11 (0-2)	SOIL	JAMAICA, NY	10/19/21 13:10	10/19/21
L2157110-08	TP-11 (4-6)	SOIL	JAMAICA, NY	10/19/21 13:15	10/19/21
L2157110-09	TP-12 (0-2)	SOIL	JAMAICA, NY	10/19/21 13:30	10/19/21
L2157110-10	TP-12 (8-10)	SOIL	JAMAICA, NY	10/19/21 13:35	10/19/21
L2157110-11	TP-13 (0-2)	SOIL	JAMAICA, NY	10/19/21 13:45	10/19/21
L2157110-12	TP-13 (9-11)	SOIL	JAMAICA, NY	10/19/21 14:00	10/19/21

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

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: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

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

L2157110-01 through -12: 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.

L2157110-08: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (45%) was below the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (43%). The results of both analyses are reported; however, since the IS response was below method criteria (but not <20% of applicable calibration standard area counts), all associated compounds are considered to have a potentially high bias.

Semivolatile Organics

L2157110 -04D and -09D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2157110-08: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2157110-10D: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix, and due to the analytical dilution required by the sample matrix. The WG1562949-2/-3 LCS/LCSD recoveries, associated with L2157110-01, -02D, -02D2, -03, -04D, -05, -06D, -07, -08, -09D, -10D, -11, and -12, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Pesticides

L2157110-02D, -04D, and -06D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Case Narrative (continued)

L2157110-08 and -10: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals

L2157110-01 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: *Tiffani Morrissey* - Tiffani Morrissey

Title: Technical Director/Representative

Date: 10/29/21

ORGANICS

VOLATILES

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 10:58
 Analyst: JC
 Percent Solids: 95%

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	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	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	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
Client ID: TP-6 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
Client ID: TP-6 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	111		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02
 Client ID: TP-6 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 11:26
 Analyst: JC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	1.2		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02
Client ID: TP-6 (8-10)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	1.7	J	ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02
 Client ID: TP-6 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	116		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
 Client ID: TP-7 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 11:53
 Analyst: JC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
Client ID: TP-7 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
Client ID: TP-7 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	116		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 12:20
 Analyst: JC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04
Client ID: TP-7 (6-8)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	92	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	116		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 12:48
 Analyst: JC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	0.77		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
Client ID: TP-2 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
Client ID: TP-2 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	122		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 13:15
 Analyst: JC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	4.9		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	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	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	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	1.7	0.15	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06
Client ID: TP-2 (8-10)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	1.8	J	ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	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
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	119		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
 Client ID: TP-11 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 13:42
 Analyst: JC
 Percent Solids: 96%

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
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
Client ID: TP-11 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
Client ID: TP-11 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	114		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 14:09
 Analyst: MKS
 Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	0.39	J	ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	5.2		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
Client ID: TP-11 (4-6)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	180		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	22		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	1.7	J	ug/kg	5.6	0.90	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	111		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08 R
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 16:25
 Analyst: MKS
 Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	3.2		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08 R

Date Collected: 10/19/21 13:15

Client ID: TP-11 (4-6)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	160		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	18		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	0.96	J	ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08 R
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	118		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 14:36
 Analyst: MKS
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	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	0.12	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	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09
Client ID: TP-12 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	114		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 16:09
 Analyst: MKS
 Percent Solids: 58%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	0.56	J	ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.22	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	2.2		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.29	1
Benzene	ND		ug/kg	0.86	0.29	1
Toluene	ND		ug/kg	1.7	0.94	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10
Client ID: TP-12 (8-10)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.35	1
p/m-Xylene	ND		ug/kg	3.4	0.97	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	14	J	ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.9	1.1	1
Acrylonitrile	ND		ug/kg	6.9	2.0	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	0.50	J	ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.58	1
1,4-Dioxane	ND		ug/kg	140	61.	1
p-Diethylbenzene	0.64	J	ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	0.39	J	ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	106		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 16:35
 Analyst: MKS
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.30	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	0.38	J	ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
Client ID: TP-13 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
Client ID: TP-13 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/29/21 15:58
 Analyst: MKS
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
Client ID: TP-13 (9-11)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	119		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/29/21 10:02
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-11 Batch: WG1564933-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.23	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/29/21 10:02
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-11 Batch: WG1564933-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/29/21 10:02
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-11 Batch: WG1564933-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/21 10:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,12 Batch: WG1564950-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	0.82	J	ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/21 10:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,12 Batch: WG1564950-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/29/21 10:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,12 Batch: WG1564950-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-11 Batch: WG1564933-3 WG1564933-4								
Methylene chloride	90		89		70-130	1		30
1,1-Dichloroethane	105		104		70-130	1		30
Chloroform	108		106		70-130	2		30
Carbon tetrachloride	126		122		70-130	3		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	97		98		70-130	1		30
Tetrachloroethene	110		109		70-130	1		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	125		122		70-139	2		30
1,2-Dichloroethane	113		111		70-130	2		30
1,1,1-Trichloroethane	123		120		70-130	2		30
Bromodichloromethane	113		112		70-130	1		30
trans-1,3-Dichloropropene	98		99		70-130	1		30
cis-1,3-Dichloropropene	100		99		70-130	1		30
1,1-Dichloropropene	114		111		70-130	3		30
Bromoform	94		94		70-130	0		30
1,1,1,2-Tetrachloroethane	94		93		70-130	1		30
Benzene	101		100		70-130	1		30
Toluene	100		99		70-130	1		30
Ethylbenzene	107		106		70-130	1		30
Chloromethane	104		102		52-130	2		30
Bromomethane	85		84		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-11 Batch: WG1564933-3 WG1564933-4								
Vinyl chloride	97		94		67-130	3		30
Chloroethane	91		90		50-151	1		30
1,1-Dichloroethene	101		99		65-135	2		30
trans-1,2-Dichloroethene	102		100		70-130	2		30
Trichloroethene	110		108		70-130	2		30
1,2-Dichlorobenzene	103		101		70-130	2		30
1,3-Dichlorobenzene	106		104		70-130	2		30
1,4-Dichlorobenzene	102		101		70-130	1		30
Methyl tert butyl ether	100		100		66-130	0		30
p/m-Xylene	110		109		70-130	1		30
o-Xylene	108		108		70-130	0		30
cis-1,2-Dichloroethene	101		100		70-130	1		30
Dibromomethane	101		102		70-130	1		30
Styrene	111		111		70-130	0		30
Dichlorodifluoromethane	116		113		30-146	3		30
Acetone	71		70		54-140	1		30
Carbon disulfide	91		90		59-130	1		30
2-Butanone	78		76		70-130	3		30
Vinyl acetate	107		106		70-130	1		30
4-Methyl-2-pentanone	79		81		70-130	3		30
1,2,3-Trichloropropane	94		95		68-130	1		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	102		100		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-11 Batch: WG1564933-3 WG1564933-4								
2,2-Dichloropropane	120		117		70-130	3		30
1,2-Dibromoethane	94		93		70-130	1		30
1,3-Dichloropropane	98		99		69-130	1		30
1,1,1,2-Tetrachloroethane	114		113		70-130	1		30
Bromobenzene	102		102		70-130	0		30
n-Butylbenzene	112		111		70-130	1		30
sec-Butylbenzene	109		107		70-130	2		30
tert-Butylbenzene	110		108		70-130	2		30
o-Chlorotoluene	104		104		70-130	0		30
p-Chlorotoluene	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	85		82		68-130	4		30
Hexachlorobutadiene	116		113		67-130	3		30
Isopropylbenzene	107		106		70-130	1		30
p-Isopropyltoluene	114		112		70-130	2		30
Naphthalene	103		102		70-130	1		30
Acrylonitrile	94		97		70-130	3		30
n-Propylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	107		105		70-130	2		30
1,2,4-Trichlorobenzene	111		109		70-130	2		30
1,3,5-Trimethylbenzene	110		109		70-130	1		30
1,2,4-Trimethylbenzene	111		110		70-130	1		30
1,4-Dioxane	93		92		65-136	1		30
p-Diethylbenzene	113		112		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-11 Batch: WG1564933-3 WG1564933-4								
p-Ethyltoluene	109		109		70-130	0		30
1,2,4,5-Tetramethylbenzene	111		110		70-130	1		30
Ethyl ether	77		76		67-130	1		30
trans-1,4-Dichloro-2-butene	107		110		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,12 Batch: WG1564950-3 WG1564950-4								
Methylene chloride	108		113		70-130	5		30
1,1-Dichloroethane	109		107		70-130	2		30
Chloroform	109		106		70-130	3		30
Carbon tetrachloride	116		114		70-130	2		30
1,2-Dichloropropane	109		104		70-130	5		30
Dibromochloromethane	122		119		70-130	2		30
1,1,2-Trichloroethane	115		111		70-130	4		30
Tetrachloroethene	120		115		70-130	4		30
Chlorobenzene	111		110		70-130	1		30
Trichlorofluoromethane	92		89		70-139	3		30
1,2-Dichloroethane	107		103		70-130	4		30
1,1,1-Trichloroethane	116		113		70-130	3		30
Bromodichloromethane	113		110		70-130	3		30
trans-1,3-Dichloropropene	117		115		70-130	2		30
cis-1,3-Dichloropropene	110		108		70-130	2		30
1,1-Dichloropropene	114		110		70-130	4		30
Bromoform	96		94		70-130	2		30
1,1,2,2-Tetrachloroethane	105		107		70-130	2		30
Benzene	112		108		70-130	4		30
Toluene	103		101		70-130	2		30
Ethylbenzene	108		106		70-130	2		30
Chloromethane	119		116		52-130	3		30
Bromomethane	107		102		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,12 Batch: WG1564950-3 WG1564950-4								
Vinyl chloride	112		106		67-130	6		30
Chloroethane	115		111		50-151	4		30
1,1-Dichloroethene	93		88		65-135	6		30
trans-1,2-Dichloroethene	103		103		70-130	0		30
Trichloroethene	110		106		70-130	4		30
1,2-Dichlorobenzene	112		106		70-130	6		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	110		106		70-130	4		30
Methyl tert butyl ether	106		104		66-130	2		30
p/m-Xylene	118		112		70-130	5		30
o-Xylene	118		112		70-130	5		30
cis-1,2-Dichloroethene	110		109		70-130	1		30
Dibromomethane	107		104		70-130	3		30
Styrene	105		99		70-130	6		30
Dichlorodifluoromethane	116		117		30-146	1		30
Acetone	134		141	Q	54-140	5		30
Carbon disulfide	98		93		59-130	5		30
2-Butanone	114		113		70-130	1		30
Vinyl acetate	129		127		70-130	2		30
4-Methyl-2-pentanone	101		107		70-130	6		30
1,2,3-Trichloropropane	94		100		68-130	6		30
2-Hexanone	94		98		70-130	4		30
Bromochloromethane	110		101		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,12 Batch: WG1564950-3 WG1564950-4								
2,2-Dichloropropane	109		105		70-130	4		30
1,2-Dibromoethane	120		116		70-130	3		30
1,3-Dichloropropane	114		112		69-130	2		30
1,1,1,2-Tetrachloroethane	118		116		70-130	2		30
Bromobenzene	104		101		70-130	3		30
n-Butylbenzene	114		108		70-130	5		30
sec-Butylbenzene	112		106		70-130	6		30
tert-Butylbenzene	110		106		70-130	4		30
o-Chlorotoluene	110		104		70-130	6		30
p-Chlorotoluene	111		106		70-130	5		30
1,2-Dibromo-3-chloropropane	107		110		68-130	3		30
Hexachlorobutadiene	112		106		67-130	6		30
Isopropylbenzene	106		102		70-130	4		30
p-Isopropyltoluene	112		105		70-130	6		30
Naphthalene	106		104		70-130	2		30
Acrylonitrile	116		114		70-130	2		30
n-Propylbenzene	109		103		70-130	6		30
1,2,3-Trichlorobenzene	111		109		70-130	2		30
1,2,4-Trichlorobenzene	112		109		70-130	3		30
1,3,5-Trimethylbenzene	110		102		70-130	8		30
1,2,4-Trimethylbenzene	107		102		70-130	5		30
1,4-Dioxane	106		108		65-136	2		30
p-Diethylbenzene	111		105		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,12 Batch: WG1564950-3 WG1564950-4								
p-Ethyltoluene	109		103		70-130	6		30
1,2,4,5-Tetramethylbenzene	107		102		70-130	5		30
Ethyl ether	98		94		67-130	4		30
trans-1,4-Dichloro-2-butene	98		103		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/28/21 06:11
 Analyst: WR
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	47	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	890		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	30	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	480		ug/kg	100	20.	1
Benzo(a)pyrene	500		ug/kg	140	42.	1
Benzo(b)fluoranthene	620		ug/kg	100	29.	1
Benzo(k)fluoranthene	230		ug/kg	100	28.	1
Chrysene	480		ug/kg	100	18.	1
Acenaphthylene	62	J	ug/kg	140	27.	1
Anthracene	140		ug/kg	100	34.	1
Benzo(ghi)perylene	370		ug/kg	140	20.	1
Fluorene	47	J	ug/kg	170	17.	1
Phenanthrene	480		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	90	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	410		ug/kg	140	24.	1
Pyrene	790		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	22	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	66	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	75		18-120

Project Name: 94-01 SUTPHIN BLVD**Lab Number:** L2157110**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/29/21**SAMPLE RESULTS**

Lab ID: L2157110-02 D2

Date Collected: 10/19/21 11:15

Client ID: TP-6 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 10/25/21 21:35

Analytical Date: 10/29/21 14:50

Analyst: IM

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	100000		ug/kg	2400	460	20

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02 D
 Client ID: TP-6 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 11:42
 Analyst: IM
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6700		ug/kg	1600	210	10
1,2,4-Trichlorobenzene	ND		ug/kg	2000	230	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	270	10
2-Chloronaphthalene	ND		ug/kg	2000	200	10
1,2-Dichlorobenzene	ND		ug/kg	2000	360	10
1,3-Dichlorobenzene	ND		ug/kg	2000	350	10
1,4-Dichlorobenzene	ND		ug/kg	2000	350	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	540	10
2,4-Dinitrotoluene	ND		ug/kg	2000	400	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	87000	E	ug/kg	1200	230	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	220	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	310	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	340	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2200	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5800	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	260	10
Naphthalene	10000		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	300	10
NDPA/DPA	ND		ug/kg	1600	230	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	310	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	700	10
Butyl benzyl phthalate	ND		ug/kg	2000	510	10
Di-n-butylphthalate	ND		ug/kg	2000	380	10
Di-n-octylphthalate	ND		ug/kg	2000	680	10

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02 D
 Client ID: TP-6 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	2000	190	10
Dimethyl phthalate	ND		ug/kg	2000	420	10
Benzo(a)anthracene	48000		ug/kg	1200	230	10
Benzo(a)pyrene	42000		ug/kg	1600	490	10
Benzo(b)fluoranthene	57000		ug/kg	1200	340	10
Benzo(k)fluoranthene	14000		ug/kg	1200	320	10
Chrysene	40000		ug/kg	1200	210	10
Acenaphthylene	4300		ug/kg	1600	310	10
Anthracene	23000		ug/kg	1200	390	10
Benzo(ghi)perylene	22000		ug/kg	1600	240	10
Fluorene	12000		ug/kg	2000	200	10
Phenanthrene	76000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	5100		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	26000		ug/kg	1600	280	10
Pyrene	70000		ug/kg	1200	200	10
Biphenyl	1200	J	ug/kg	4600	470	10
4-Chloroaniline	ND		ug/kg	2000	370	10
2-Nitroaniline	ND		ug/kg	2000	390	10
3-Nitroaniline	ND		ug/kg	2000	380	10
4-Nitroaniline	ND		ug/kg	2000	830	10
Dibenzofuran	8900		ug/kg	2000	190	10
2-Methylnaphthalene	4700		ug/kg	2400	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	210	10
Acetophenone	ND		ug/kg	2000	250	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	380	10
p-Chloro-m-cresol	ND		ug/kg	2000	300	10
2-Chlorophenol	ND		ug/kg	2000	240	10
2,4-Dichlorophenol	ND		ug/kg	1800	320	10
2,4-Dimethylphenol	ND		ug/kg	2000	660	10
2-Nitrophenol	ND		ug/kg	4300	760	10
4-Nitrophenol	ND		ug/kg	2800	820	10
2,4-Dinitrophenol	ND		ug/kg	9700	940	10
4,6-Dinitro-o-cresol	ND		ug/kg	5200	970	10
Pentachlorophenol	ND		ug/kg	1600	440	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	310	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2900	320	10

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02 D
 Client ID: TP-6 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Benzoic Acid	ND		ug/kg	6500	2000	10
Benzyl Alcohol	ND		ug/kg	2000	620	10
Carbazole	7700		ug/kg	2000	200	10
1,4-Dioxane	ND		ug/kg	300	93.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	64		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
 Client ID: TP-7 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/28/21 08:09
 Analyst: WR
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	770		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	5900		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	620		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
Client ID: TP-7 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	3600		ug/kg	100	20.	1
Benzo(a)pyrene	3200		ug/kg	140	43.	1
Benzo(b)fluoranthene	3800		ug/kg	100	30.	1
Benzo(k)fluoranthene	1500		ug/kg	100	28.	1
Chrysene	3100		ug/kg	100	18.	1
Acenaphthylene	290		ug/kg	140	27.	1
Anthracene	1600		ug/kg	100	34.	1
Benzo(ghi)perylene	1600		ug/kg	140	21.	1
Fluorene	810		ug/kg	180	17.	1
Phenanthrene	5600		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	460		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	140	25.	1
Pyrene	5100		ug/kg	100	18.	1
Biphenyl	69	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	460		ug/kg	180	17.	1
2-Methylnaphthalene	300		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	29	J	ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	39	J	ug/kg	250	28.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
 Client ID: TP-7 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	660		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	61		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04 D
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 12:05
 Analyst: IM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	860		ug/kg	760	98.	5
1,2,4-Trichlorobenzene	ND		ug/kg	950	110	5
Hexachlorobenzene	ND		ug/kg	570	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	850	130	5
2-Chloronaphthalene	ND		ug/kg	950	94.	5
1,2-Dichlorobenzene	ND		ug/kg	950	170	5
1,3-Dichlorobenzene	ND		ug/kg	950	160	5
1,4-Dichlorobenzene	ND		ug/kg	950	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	950	250	5
2,4-Dinitrotoluene	ND		ug/kg	950	190	5
2,6-Dinitrotoluene	ND		ug/kg	950	160	5
Fluoranthene	17000		ug/kg	570	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	950	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	950	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	95.	5
Hexachlorobutadiene	ND		ug/kg	950	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	860	5
Hexachloroethane	ND		ug/kg	760	150	5
Isophorone	ND		ug/kg	850	120	5
Naphthalene	690	J	ug/kg	950	120	5
Nitrobenzene	ND		ug/kg	850	140	5
NDPA/DPA	ND		ug/kg	760	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	950	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	950	330	5
Butyl benzyl phthalate	ND		ug/kg	950	240	5
Di-n-butylphthalate	ND		ug/kg	950	180	5
Di-n-octylphthalate	ND		ug/kg	950	320	5

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04 D

Date Collected: 10/19/21 11:30

Client ID: TP-7 (6-8)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	950	88.	5
Dimethyl phthalate	ND		ug/kg	950	200	5
Benzo(a)anthracene	11000		ug/kg	570	110	5
Benzo(a)pyrene	9400		ug/kg	760	230	5
Benzo(b)fluoranthene	12000		ug/kg	570	160	5
Benzo(k)fluoranthene	3100		ug/kg	570	150	5
Chrysene	9700		ug/kg	570	98.	5
Acenaphthylene	900		ug/kg	760	150	5
Anthracene	3000		ug/kg	570	180	5
Benzo(ghi)perylene	5400		ug/kg	760	110	5
Fluorene	920	J	ug/kg	950	92.	5
Phenanthrene	12000		ug/kg	570	120	5
Dibenzo(a,h)anthracene	1300		ug/kg	570	110	5
Indeno(1,2,3-cd)pyrene	5800		ug/kg	760	130	5
Pyrene	17000		ug/kg	570	94.	5
Biphenyl	ND		ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	950	170	5
2-Nitroaniline	ND		ug/kg	950	180	5
3-Nitroaniline	ND		ug/kg	950	180	5
4-Nitroaniline	ND		ug/kg	950	390	5
Dibenzofuran	530	J	ug/kg	950	90.	5
2-Methylnaphthalene	280	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	950	99.	5
Acetophenone	ND		ug/kg	950	120	5
2,4,6-Trichlorophenol	ND		ug/kg	570	180	5
p-Chloro-m-cresol	ND		ug/kg	950	140	5
2-Chlorophenol	ND		ug/kg	950	110	5
2,4-Dichlorophenol	ND		ug/kg	850	150	5
2,4-Dimethylphenol	ND		ug/kg	950	310	5
2-Nitrophenol	ND		ug/kg	2000	360	5
4-Nitrophenol	ND		ug/kg	1300	390	5
2,4-Dinitrophenol	ND		ug/kg	4500	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	450	5
Pentachlorophenol	ND		ug/kg	760	210	5
Phenol	ND		ug/kg	950	140	5
2-Methylphenol	ND		ug/kg	950	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04 D
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	950	180	5
Benzoic Acid	ND		ug/kg	3100	960	5
Benzyl Alcohol	ND		ug/kg	950	290	5
Carbazole	890	J	ug/kg	950	92.	5
1,4-Dioxane	ND		ug/kg	140	44.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	65		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 07:34
 Analyst: WR
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	340		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	4600		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	150	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	2400		ug/kg	100	20.	1
Benzo(a)pyrene	2200		ug/kg	140	42.	1
Benzo(b)fluoranthene	2800		ug/kg	100	29.	1
Benzo(k)fluoranthene	1000		ug/kg	100	28.	1
Chrysene	2700		ug/kg	100	18.	1
Acenaphthylene	280		ug/kg	140	27.	1
Anthracene	860		ug/kg	100	34.	1
Benzo(ghi)perylene	1600		ug/kg	140	20.	1
Fluorene	320		ug/kg	170	17.	1
Phenanthrene	3300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	380		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	24.	1
Pyrene	3900		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	180		ug/kg	170	16.	1
2-Methylnaphthalene	74	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	390		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	69		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06 D
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 12:29
 Analyst: IM
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3800		ug/kg	1600	200	10
1,2,4-Trichlorobenzene	ND		ug/kg	2000	220	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	260	10
2-Chloronaphthalene	ND		ug/kg	2000	190	10
1,2-Dichlorobenzene	ND		ug/kg	2000	350	10
1,3-Dichlorobenzene	ND		ug/kg	2000	340	10
1,4-Dichlorobenzene	ND		ug/kg	2000	340	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	44000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	250	10
Naphthalene	2800		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	680	10
Butyl benzyl phthalate	ND		ug/kg	2000	490	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	660	10

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06 D

Date Collected: 10/19/21 13:05

Client ID: TP-2 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	24000		ug/kg	1200	220	10
Benzo(a)pyrene	21000		ug/kg	1600	480	10
Benzo(b)fluoranthene	25000		ug/kg	1200	330	10
Benzo(k)fluoranthene	8800		ug/kg	1200	310	10
Chrysene	19000		ug/kg	1200	200	10
Acenaphthylene	680	J	ug/kg	1600	300	10
Anthracene	9100		ug/kg	1200	380	10
Benzo(ghi)perylene	11000		ug/kg	1600	230	10
Fluorene	4400		ug/kg	2000	190	10
Phenanthrene	34000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	2800		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	13000		ug/kg	1600	270	10
Pyrene	36000		ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4500	450	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	810	10
Dibenzofuran	2500		ug/kg	2000	180	10
2-Methylnaphthalene	1100	J	ug/kg	2300	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	200	10
Acetophenone	ND		ug/kg	2000	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	310	10
2,4-Dimethylphenol	ND		ug/kg	2000	640	10
2-Nitrophenol	ND		ug/kg	4200	740	10
4-Nitrophenol	ND		ug/kg	2700	800	10
2,4-Dinitrophenol	ND		ug/kg	9400	910	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	940	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	310	10

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06 D
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Benzoic Acid	ND		ug/kg	6300	2000	10
Benzyl Alcohol	ND		ug/kg	2000	600	10
Carbazole	3400		ug/kg	2000	190	10
1,4-Dioxane	ND		ug/kg	290	90.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	68		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
 Client ID: TP-11 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 05:13
 Analyst: WR
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	140		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
Client ID: TP-11 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	72	J	ug/kg	100	19.	1
Benzo(a)pyrene	72	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	100		ug/kg	100	29.	1
Benzo(k)fluoranthene	40	J	ug/kg	100	27.	1
Chrysene	82	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	56	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	54	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	64	J	ug/kg	140	24.	1
Pyrene	130		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
 Client ID: TP-11 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	85		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 08:22
 Analyst: WR
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	490	J	ug/kg	550	71.	1
1,2,4-Trichlorobenzene	ND		ug/kg	690	78.	1
Hexachlorobenzene	ND		ug/kg	410	77.	1
Bis(2-chloroethyl)ether	ND		ug/kg	620	93.	1
2-Chloronaphthalene	ND		ug/kg	690	68.	1
1,2-Dichlorobenzene	ND		ug/kg	690	120	1
1,3-Dichlorobenzene	ND		ug/kg	690	120	1
1,4-Dichlorobenzene	ND		ug/kg	690	120	1
3,3'-Dichlorobenzidine	ND		ug/kg	690	180	1
2,4-Dinitrotoluene	ND		ug/kg	690	140	1
2,6-Dinitrotoluene	ND		ug/kg	690	120	1
Fluoranthene	8300		ug/kg	410	79.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	690	73.	1
4-Bromophenyl phenyl ether	ND		ug/kg	690	100	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	820	120	1
Bis(2-chloroethoxy)methane	ND		ug/kg	740	69.	1
Hexachlorobutadiene	ND		ug/kg	690	100	1
Hexachlorocyclopentadiene	ND		ug/kg	2000	620	1
Hexachloroethane	ND		ug/kg	550	110	1
Isophorone	ND		ug/kg	620	89.	1
Naphthalene	290	J	ug/kg	690	84.	1
Nitrobenzene	ND		ug/kg	620	100	1
NDPA/DPA	ND		ug/kg	550	78.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	690	100	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	690	240	1
Butyl benzyl phthalate	ND		ug/kg	690	170	1
Di-n-butylphthalate	ND		ug/kg	690	130	1
Di-n-octylphthalate	ND		ug/kg	690	230	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
Client ID: TP-11 (4-6)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	690	64.	1
Dimethyl phthalate	ND		ug/kg	690	140	1
Benzo(a)anthracene	3900		ug/kg	410	77.	1
Benzo(a)pyrene	3400		ug/kg	550	170	1
Benzo(b)fluoranthene	4500		ug/kg	410	120	1
Benzo(k)fluoranthene	1500		ug/kg	410	110	1
Chrysene	3600		ug/kg	410	71.	1
Acenaphthylene	370	J	ug/kg	550	100	1
Anthracene	1300		ug/kg	410	130	1
Benzo(ghi)perylene	2200		ug/kg	550	81.	1
Fluorene	540	J	ug/kg	690	67.	1
Phenanthrene	5100		ug/kg	410	83.	1
Dibenzo(a,h)anthracene	580		ug/kg	410	79.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	550	96.	1
Pyrene	7400		ug/kg	410	68.	1
Biphenyl	ND		ug/kg	1600	160	1
4-Chloroaniline	ND		ug/kg	690	120	1
2-Nitroaniline	ND		ug/kg	690	130	1
3-Nitroaniline	ND		ug/kg	690	130	1
4-Nitroaniline	ND		ug/kg	690	280	1
Dibenzofuran	ND		ug/kg	690	65.	1
2-Methylnaphthalene	130	J	ug/kg	820	83.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	690	72.	1
Acetophenone	ND		ug/kg	690	85.	1
2,4,6-Trichlorophenol	ND		ug/kg	410	130	1
p-Chloro-m-cresol	ND		ug/kg	690	100	1
2-Chlorophenol	ND		ug/kg	690	81.	1
2,4-Dichlorophenol	ND		ug/kg	620	110	1
2,4-Dimethylphenol	ND		ug/kg	690	230	1
2-Nitrophenol	ND		ug/kg	1500	260	1
4-Nitrophenol	ND		ug/kg	960	280	1
2,4-Dinitrophenol	ND		ug/kg	3300	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	1800	330	1
Pentachlorophenol	ND		ug/kg	550	150	1
Phenol	ND		ug/kg	690	100	1
2-Methylphenol	ND		ug/kg	690	110	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	990	110	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	690	130	1
Benzoic Acid	ND		ug/kg	2200	690	1
Benzyl Alcohol	ND		ug/kg	690	210	1
Carbazole	630	J	ug/kg	690	67.	1
1,4-Dioxane	ND		ug/kg	100	32.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	37		10-136
4-Terphenyl-d14	74		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09 D
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 12:53
 Analyst: IM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	700	91.	5
1,2,4-Trichlorobenzene	ND		ug/kg	880	100	5
Hexachlorobenzene	ND		ug/kg	530	98.	5
Bis(2-chloroethyl)ether	ND		ug/kg	790	120	5
2-Chloronaphthalene	ND		ug/kg	880	87.	5
1,2-Dichlorobenzene	ND		ug/kg	880	160	5
1,3-Dichlorobenzene	ND		ug/kg	880	150	5
1,4-Dichlorobenzene	ND		ug/kg	880	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	880	230	5
2,4-Dinitrotoluene	ND		ug/kg	880	180	5
2,6-Dinitrotoluene	ND		ug/kg	880	150	5
Fluoranthene	13000		ug/kg	530	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	880	94.	5
4-Bromophenyl phenyl ether	ND		ug/kg	880	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	950	88.	5
Hexachlorobutadiene	ND		ug/kg	880	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	800	5
Hexachloroethane	ND		ug/kg	700	140	5
Isophorone	ND		ug/kg	790	110	5
Naphthalene	520	J	ug/kg	880	110	5
Nitrobenzene	ND		ug/kg	790	130	5
NDPA/DPA	ND		ug/kg	700	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	880	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	880	300	5
Butyl benzyl phthalate	ND		ug/kg	880	220	5
Di-n-butylphthalate	ND		ug/kg	880	170	5
Di-n-octylphthalate	ND		ug/kg	880	300	5

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09 D

Date Collected: 10/19/21 13:30

Client ID: TP-12 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	880	81.	5
Dimethyl phthalate	ND		ug/kg	880	180	5
Benzo(a)anthracene	6400		ug/kg	530	99.	5
Benzo(a)pyrene	4400		ug/kg	700	210	5
Benzo(b)fluoranthene	5800		ug/kg	530	150	5
Benzo(k)fluoranthene	1800		ug/kg	530	140	5
Chrysene	5000		ug/kg	530	91.	5
Acenaphthylene	ND		ug/kg	700	140	5
Anthracene	4600		ug/kg	530	170	5
Benzo(ghi)perylene	2000		ug/kg	700	100	5
Fluorene	2400		ug/kg	880	85.	5
Phenanthrene	14000		ug/kg	530	110	5
Dibenzo(a,h)anthracene	640		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	2400		ug/kg	700	120	5
Pyrene	9900		ug/kg	530	87.	5
Biphenyl	ND		ug/kg	2000	200	5
4-Chloroaniline	ND		ug/kg	880	160	5
2-Nitroaniline	ND		ug/kg	880	170	5
3-Nitroaniline	ND		ug/kg	880	160	5
4-Nitroaniline	ND		ug/kg	880	360	5
Dibenzofuran	1200		ug/kg	880	83.	5
2-Methylnaphthalene	570	J	ug/kg	1000	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	880	92.	5
Acetophenone	ND		ug/kg	880	110	5
2,4,6-Trichlorophenol	ND		ug/kg	530	170	5
p-Chloro-m-cresol	ND		ug/kg	880	130	5
2-Chlorophenol	ND		ug/kg	880	100	5
2,4-Dichlorophenol	ND		ug/kg	790	140	5
2,4-Dimethylphenol	ND		ug/kg	880	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4200	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	700	190	5
Phenol	ND		ug/kg	880	130	5
2-Methylphenol	ND		ug/kg	880	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09 D
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	880	170	5
Benzoic Acid	ND		ug/kg	2800	890	5
Benzyl Alcohol	ND		ug/kg	880	270	5
Carbazole	1200		ug/kg	880	85.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	66		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10 D
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 13:16
 Analyst: IM
 Percent Solids: 58%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	6700	860	10
1,2,4-Trichlorobenzene	ND		ug/kg	8300	950	10
Hexachlorobenzene	ND		ug/kg	5000	930	10
Bis(2-chloroethyl)ether	ND		ug/kg	7500	1100	10
2-Chloronaphthalene	ND		ug/kg	8300	830	10
1,2-Dichlorobenzene	ND		ug/kg	8300	1500	10
1,3-Dichlorobenzene	ND		ug/kg	8300	1400	10
1,4-Dichlorobenzene	ND		ug/kg	8300	1400	10
3,3'-Dichlorobenzidine	ND		ug/kg	8300	2200	10
2,4-Dinitrotoluene	ND		ug/kg	8300	1700	10
2,6-Dinitrotoluene	ND		ug/kg	8300	1400	10
Fluoranthene	ND		ug/kg	5000	960	10
4-Chlorophenyl phenyl ether	ND		ug/kg	8300	890	10
4-Bromophenyl phenyl ether	ND		ug/kg	8300	1300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	10000	1400	10
Bis(2-chloroethoxy)methane	ND		ug/kg	9000	830	10
Hexachlorobutadiene	ND		ug/kg	8300	1200	10
Hexachlorocyclopentadiene	ND		ug/kg	24000	7500	10
Hexachloroethane	ND		ug/kg	6700	1300	10
Isophorone	ND		ug/kg	7500	1100	10
Naphthalene	ND		ug/kg	8300	1000	10
Nitrobenzene	ND		ug/kg	7500	1200	10
NDPA/DPA	ND		ug/kg	6700	950	10
n-Nitrosodi-n-propylamine	ND		ug/kg	8300	1300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	8300	2900	10
Butyl benzyl phthalate	ND		ug/kg	8300	2100	10
Di-n-butylphthalate	ND		ug/kg	8300	1600	10
Di-n-octylphthalate	ND		ug/kg	8300	2800	10

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10 D

Date Collected: 10/19/21 13:35

Client ID: TP-12 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	8300	770	10
Dimethyl phthalate	ND		ug/kg	8300	1700	10
Benzo(a)anthracene	ND		ug/kg	5000	940	10
Benzo(a)pyrene	ND		ug/kg	6700	2000	10
Benzo(b)fluoranthene	ND		ug/kg	5000	1400	10
Benzo(k)fluoranthene	ND		ug/kg	5000	1300	10
Chrysene	ND		ug/kg	5000	870	10
Acenaphthylene	ND		ug/kg	6700	1300	10
Anthracene	ND		ug/kg	5000	1600	10
Benzo(ghi)perylene	ND		ug/kg	6700	980	10
Fluorene	ND		ug/kg	8300	810	10
Phenanthrene	ND		ug/kg	5000	1000	10
Dibenzo(a,h)anthracene	ND		ug/kg	5000	960	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6700	1200	10
Pyrene	830	J	ug/kg	5000	830	10
Biphenyl	ND		ug/kg	19000	1900	10
4-Chloroaniline	ND		ug/kg	8300	1500	10
2-Nitroaniline	ND		ug/kg	8300	1600	10
3-Nitroaniline	ND		ug/kg	8300	1600	10
4-Nitroaniline	ND		ug/kg	8300	3400	10
Dibenzofuran	ND		ug/kg	8300	790	10
2-Methylnaphthalene	ND		ug/kg	10000	1000	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	8300	870	10
Acetophenone	ND		ug/kg	8300	1000	10
2,4,6-Trichlorophenol	ND		ug/kg	5000	1600	10
p-Chloro-m-cresol	ND		ug/kg	8300	1200	10
2-Chlorophenol	ND		ug/kg	8300	980	10
2,4-Dichlorophenol	ND		ug/kg	7500	1300	10
2,4-Dimethylphenol	ND		ug/kg	8300	2700	10
2-Nitrophenol	ND		ug/kg	18000	3100	10
4-Nitrophenol	ND		ug/kg	12000	3400	10
2,4-Dinitrophenol	ND		ug/kg	40000	3900	10
4,6-Dinitro-o-cresol	ND		ug/kg	22000	4000	10
Pentachlorophenol	ND		ug/kg	6700	1800	10
Phenol	ND		ug/kg	8300	1200	10
2-Methylphenol	ND		ug/kg	8300	1300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	12000	1300	10

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10 D
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	8300	1600	10
Benzoic Acid	ND		ug/kg	27000	8400	10
Benzyl Alcohol	ND		ug/kg	8300	2500	10
Carbazole	ND		ug/kg	8300	810	10
1,4-Dioxane	ND		ug/kg	1200	380	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	58		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 03:15
 Analyst: WR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	430		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	200		ug/kg	120	23.	1
Benzo(a)pyrene	220		ug/kg	160	50.	1
Benzo(b)fluoranthene	300		ug/kg	120	34.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1
Chrysene	220		ug/kg	120	21.	1
Acenaphthylene	35	J	ug/kg	160	31.	1
Anthracene	50	J	ug/kg	120	40.	1
Benzo(ghi)perylene	180		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	220		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	160	28.	1
Pyrene	370		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	31	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	70		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/29/21 06:24
 Analyst: WR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 21:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	590		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	37	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	280		ug/kg	110	21.	1
Benzo(a)pyrene	290		ug/kg	150	46.	1
Benzo(b)fluoranthene	370		ug/kg	110	32.	1
Benzo(k)fluoranthene	140		ug/kg	110	30.	1
Chrysene	320		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	71	J	ug/kg	110	36.	1
Benzo(ghi)perylene	200		ug/kg	150	22.	1
Fluorene	24	J	ug/kg	190	18.	1
Phenanthrene	280		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	150	26.	1
Pyrene	490		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	21	J	ug/kg	190	18.	1
2-Methylnaphthalene	32	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	38	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	36		10-136
4-Terphenyl-d14	72		18-120

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/27/21 00:02
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1562949-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/27/21 00:02
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1562949-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/27/21 00:02
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/25/21 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1562949-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1562949-2 WG1562949-3								
Acenaphthene	74		74		31-137	0		50
1,2,4-Trichlorobenzene	73		70		38-107	4		50
Hexachlorobenzene	67		65		40-140	3		50
Bis(2-chloroethyl)ether	73		69		40-140	6		50
2-Chloronaphthalene	68		66		40-140	3		50
1,2-Dichlorobenzene	71		68		40-140	4		50
1,3-Dichlorobenzene	69		66		40-140	4		50
1,4-Dichlorobenzene	69		66		28-104	4		50
3,3'-Dichlorobenzidine	60		58		40-140	3		50
2,4-Dinitrotoluene	76		74		40-132	3		50
2,6-Dinitrotoluene	84		82		40-140	2		50
Fluoranthene	73		72		40-140	1		50
4-Chlorophenyl phenyl ether	69		68		40-140	1		50
4-Bromophenyl phenyl ether	68		67		40-140	1		50
Bis(2-chloroisopropyl)ether	54		52		40-140	4		50
Bis(2-chloroethoxy)methane	71		71		40-117	0		50
Hexachlorobutadiene	63		59		40-140	7		50
Hexachlorocyclopentadiene	72		70		40-140	3		50
Hexachloroethane	71		69		40-140	3		50
Isophorone	72		69		40-140	4		50
Naphthalene	70		67		40-140	4		50
Nitrobenzene	75		73		40-140	3		50
NDPA/DPA	72		71		36-157	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1562949-2 WG1562949-3								
n-Nitrosodi-n-propylamine	73		70		32-121	4		50
Bis(2-ethylhexyl)phthalate	85		82		40-140	4		50
Butyl benzyl phthalate	88		85		40-140	3		50
Di-n-butylphthalate	79		77		40-140	3		50
Di-n-octylphthalate	86		83		40-140	4		50
Diethyl phthalate	74		73		40-140	1		50
Dimethyl phthalate	71		71		40-140	0		50
Benzo(a)anthracene	74		72		40-140	3		50
Benzo(a)pyrene	72		70		40-140	3		50
Benzo(b)fluoranthene	72		70		40-140	3		50
Benzo(k)fluoranthene	75		71		40-140	5		50
Chrysene	71		69		40-140	3		50
Acenaphthylene	69		68		40-140	1		50
Anthracene	71		70		40-140	1		50
Benzo(ghi)perylene	71		68		40-140	4		50
Fluorene	70		70		40-140	0		50
Phenanthrene	70		70		40-140	0		50
Dibenzo(a,h)anthracene	70		69		40-140	1		50
Indeno(1,2,3-cd)pyrene	68		66		40-140	3		50
Pyrene	73		72		35-142	1		50
Biphenyl	69		69		37-127	0		50
4-Chloroaniline	46		44		40-140	4		50
2-Nitroaniline	83		85		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1562949-2 WG1562949-3								
3-Nitroaniline	71		70		26-129	1		50
4-Nitroaniline	78		75		41-125	4		50
Dibenzofuran	67		67		40-140	0		50
2-Methylnaphthalene	66		64		40-140	3		50
1,2,4,5-Tetrachlorobenzene	67		66		40-117	2		50
Acetophenone	72		70		14-144	3		50
2,4,6-Trichlorophenol	77		76		30-130	1		50
p-Chloro-m-cresol	74		73		26-103	1		50
2-Chlorophenol	84		81		25-102	4		50
2,4-Dichlorophenol	83		82		30-130	1		50
2,4-Dimethylphenol	81		79		30-130	3		50
2-Nitrophenol	107		104		30-130	3		50
4-Nitrophenol	74		73		11-114	1		50
2,4-Dinitrophenol	60		59		4-130	2		50
4,6-Dinitro-o-cresol	85		80		10-130	6		50
Pentachlorophenol	71		71		17-109	0		50
Phenol	79		75		26-90	5		50
2-Methylphenol	83		80		30-130.	4		50
3-Methylphenol/4-Methylphenol	82		80		30-130	2		50
2,4,5-Trichlorophenol	78		76		30-130	3		50
Benzoic Acid	0	Q	0	Q	10-110	NC		50
Benzyl Alcohol	77		74		40-140	4		50
Carbazole	73		71		54-128	3		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1562949-2 WG1562949-3								
1,4-Dioxane	51		48		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		74		25-120
Phenol-d6	82		78		10-120
Nitrobenzene-d5	75		73		23-120
2-Fluorobiphenyl	62		63		30-120
2,4,6-Tribromophenol	69		69		10-136
4-Terphenyl-d14	72		70		18-120



PCBS

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 09:24
 Analyst: CW
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.9	3.01	1	A
Aroclor 1221	ND		ug/kg	33.9	3.39	1	A
Aroclor 1232	ND		ug/kg	33.9	7.18	1	A
Aroclor 1242	ND		ug/kg	33.9	4.57	1	A
Aroclor 1248	ND		ug/kg	33.9	5.08	1	A
Aroclor 1254	22.5	JP	ug/kg	33.9	3.70	1	B
Aroclor 1260	14.1	J	ug/kg	33.9	6.26	1	A
Aroclor 1262	ND		ug/kg	33.9	4.30	1	A
Aroclor 1268	4.24	J	ug/kg	33.9	3.51	1	A
PCBs, Total	40.8	J	ug/kg	33.9	3.01	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02
 Client ID: TP-6 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 09:32
 Analyst: CW
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.26	1	A
Aroclor 1242	ND		ug/kg	38.9	5.25	1	A
Aroclor 1248	93.6		ug/kg	38.9	5.84	1	B
Aroclor 1254	60.8		ug/kg	38.9	4.26	1	B
Aroclor 1260	122		ug/kg	38.9	7.20	1	A
Aroclor 1262	ND		ug/kg	38.9	4.95	1	A
Aroclor 1268	86.2		ug/kg	38.9	4.04	1	B
PCBs, Total	363		ug/kg	38.9	3.46	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	37		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
 Client ID: TP-7 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 09:40
 Analyst: CW
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.49	1	A
Aroclor 1232	ND		ug/kg	34.9	7.39	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.23	1	A
Aroclor 1254	9.89	J	ug/kg	34.9	3.81	1	A
Aroclor 1260	ND		ug/kg	34.9	6.44	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.61	1	A
PCBs, Total	9.89	J	ug/kg	34.9	3.10	1	A

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

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 09:48
 Analyst: CW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.64	1	A
Aroclor 1232	ND		ug/kg	36.4	7.71	1	A
Aroclor 1242	ND		ug/kg	36.4	4.90	1	A
Aroclor 1248	156		ug/kg	36.4	5.46	1	B
Aroclor 1254	54.2		ug/kg	36.4	3.98	1	B
Aroclor 1260	88.4		ug/kg	36.4	6.72	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	61.3		ug/kg	36.4	3.77	1	B
PCBs, Total	360		ug/kg	36.4	3.23	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	37		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 09:56
 Analyst: CW
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.3	2.96	1	A
Aroclor 1221	ND		ug/kg	33.3	3.34	1	A
Aroclor 1232	ND		ug/kg	33.3	7.06	1	A
Aroclor 1242	ND		ug/kg	33.3	4.49	1	A
Aroclor 1248	ND		ug/kg	33.3	5.00	1	A
Aroclor 1254	37.4		ug/kg	33.3	3.64	1	B
Aroclor 1260	ND		ug/kg	33.3	6.16	1	A
Aroclor 1262	ND		ug/kg	33.3	4.23	1	A
Aroclor 1268	ND		ug/kg	33.3	3.45	1	A
PCBs, Total	37.4		ug/kg	33.3	2.96	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:04
 Analyst: CW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.43	1	A
Aroclor 1221	ND		ug/kg	38.6	3.87	1	A
Aroclor 1232	ND		ug/kg	38.6	8.19	1	A
Aroclor 1242	ND		ug/kg	38.6	5.21	1	A
Aroclor 1248	ND		ug/kg	38.6	5.80	1	A
Aroclor 1254	18.7	J	ug/kg	38.6	4.23	1	A
Aroclor 1260	ND		ug/kg	38.6	7.14	1	A
Aroclor 1262	ND		ug/kg	38.6	4.91	1	A
Aroclor 1268	10.6	J	ug/kg	38.6	4.00	1	B
PCBs, Total	29.3	J	ug/kg	38.6	3.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
 Client ID: TP-11 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:12
 Analyst: CW
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.21	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	18.2	J	ug/kg	34.0	3.72	1	B
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	18.2	J	ug/kg	34.0	3.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:20
 Analyst: CW
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.2	4.11	1	A
Aroclor 1221	ND		ug/kg	46.2	4.63	1	A
Aroclor 1232	ND		ug/kg	46.2	9.80	1	A
Aroclor 1242	ND		ug/kg	46.2	6.23	1	A
Aroclor 1248	49.9		ug/kg	46.2	6.94	1	B
Aroclor 1254	31.0	J	ug/kg	46.2	5.06	1	B
Aroclor 1260	35.6	J	ug/kg	46.2	8.55	1	A
Aroclor 1262	ND		ug/kg	46.2	5.87	1	A
Aroclor 1268	31.8	J	ug/kg	46.2	4.79	1	A
PCBs, Total	148	J	ug/kg	46.2	4.11	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:28
 Analyst: CW
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.46	1	A
Aroclor 1232	ND		ug/kg	34.5	7.32	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.18	1	A
Aroclor 1254	4.34	J	ug/kg	34.5	3.78	1	B
Aroclor 1260	ND		ug/kg	34.5	6.38	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.58	1	A
PCBs, Total	4.34	J	ug/kg	34.5	3.06	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:36
 Analyst: CW
 Percent Solids: 58%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.1	4.90	1	A
Aroclor 1221	ND		ug/kg	55.1	5.52	1	A
Aroclor 1232	ND		ug/kg	55.1	11.7	1	A
Aroclor 1242	ND		ug/kg	55.1	7.43	1	A
Aroclor 1248	31.6	J	ug/kg	55.1	8.27	1	B
Aroclor 1254	21.0	J	ug/kg	55.1	6.03	1	B
Aroclor 1260	13.3	J	ug/kg	55.1	10.2	1	A
Aroclor 1262	ND		ug/kg	55.1	7.00	1	A
Aroclor 1268	10.4	J	ug/kg	55.1	5.71	1	B
PCBs, Total	76.3	J	ug/kg	55.1	4.90	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:44
 Analyst: CW
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 18:58
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.2	3.66	1	A
Aroclor 1221	ND		ug/kg	41.2	4.12	1	A
Aroclor 1232	ND		ug/kg	41.2	8.73	1	A
Aroclor 1242	ND		ug/kg	41.2	5.55	1	A
Aroclor 1248	ND		ug/kg	41.2	6.18	1	A
Aroclor 1254	21.8	J	ug/kg	41.2	4.50	1	A
Aroclor 1260	ND		ug/kg	41.2	7.61	1	A
Aroclor 1262	ND		ug/kg	41.2	5.23	1	A
Aroclor 1268	ND		ug/kg	41.2	4.26	1	A
PCBs, Total	21.8	J	ug/kg	41.2	3.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 10/27/21 10:52
 Analyst: CW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 19:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/26/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.75	1	A
Aroclor 1232	ND		ug/kg	37.4	7.93	1	A
Aroclor 1242	ND		ug/kg	37.4	5.04	1	A
Aroclor 1248	ND		ug/kg	37.4	5.61	1	A
Aroclor 1254	29.2	J	ug/kg	37.4	4.09	1	A
Aroclor 1260	ND		ug/kg	37.4	6.91	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	4.05	J	ug/kg	37.4	3.87	1	A
PCBs, Total	33.3	J	ug/kg	37.4	3.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 10/26/21 08:46
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 10/25/21 18:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/26/21
Cleanup Method: EPA 3660B
Cleanup Date: 10/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-12 Batch: WG1562929-1						
Aroclor 1016	ND		ug/kg	32.8	2.92	A
Aroclor 1221	ND		ug/kg	32.8	3.29	A
Aroclor 1232	ND		ug/kg	32.8	6.96	A
Aroclor 1242	ND		ug/kg	32.8	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.92	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.07	A
Aroclor 1262	ND		ug/kg	32.8	4.17	A
Aroclor 1268	ND		ug/kg	32.8	3.40	A
PCBs, Total	ND		ug/kg	32.8	2.92	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1562929-2 WG1562929-3									
Aroclor 1016	73		78		40-140	7		50	A
Aroclor 1260	69		74		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		71		30-150	A
Decachlorobiphenyl	66		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		70		30-150	B
Decachlorobiphenyl	59		63		30-150	B



PESTICIDES

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/28/21 23:35
 Analyst: JAW
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	4.61		ug/kg	3.12	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	20.6		ug/kg	2.08	0.579	1	A
trans-Chlordane	13.1		ug/kg	2.08	0.549	1	B
Chlordane	97.2	P	ug/kg	13.9	5.51	1	B

Project Name: 94-01 SUTPHIN BLVD**Lab Number:** L2157110**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/29/21**SAMPLE RESULTS**

Lab ID: L2157110-01

Date Collected: 10/19/21 11:10

Client ID: TP-6 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02 D
Client ID: TP-6 (8-10)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:15
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/28/21 23:02
Analyst: JAW
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 10/25/21 20:31
Cleanup Method: EPA 3620B
Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.60	1.88	5	A
Lindane	ND		ug/kg	4.00	1.79	5	A
Alpha-BHC	ND		ug/kg	4.00	1.14	5	A
Beta-BHC	ND		ug/kg	9.60	3.64	5	A
Heptachlor	ND		ug/kg	4.80	2.15	5	A
Aldrin	ND		ug/kg	9.60	3.38	5	A
Heptachlor epoxide	ND		ug/kg	18.0	5.40	5	A
Endrin	ND		ug/kg	4.00	1.64	5	A
Endrin aldehyde	ND		ug/kg	12.0	4.20	5	A
Endrin ketone	ND		ug/kg	9.60	2.47	5	A
Dieldrin	ND		ug/kg	6.00	3.00	5	A
4,4'-DDE	ND		ug/kg	9.60	2.22	5	A
4,4'-DDD	ND		ug/kg	9.60	3.42	5	A
4,4'-DDT	ND		ug/kg	18.0	7.72	5	A
Endosulfan I	ND		ug/kg	9.60	2.27	5	A
Endosulfan II	ND		ug/kg	9.60	3.21	5	A
Endosulfan sulfate	ND		ug/kg	4.00	1.90	5	A
Methoxychlor	ND		ug/kg	18.0	5.60	5	A
Toxaphene	ND		ug/kg	180	50.4	5	A
cis-Chlordane	23.2		ug/kg	12.0	3.34	5	B
trans-Chlordane	21.8		ug/kg	12.0	3.17	5	B
Chlordane	ND		ug/kg	80.0	31.8	5	A

Project Name: 94-01 SUTPHIN BLVD**Lab Number:** L2157110**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/29/21**SAMPLE RESULTS**

Lab ID: L2157110-02 D

Date Collected: 10/19/21 11:15

Client ID: TP-6 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	851	Q	30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03
 Client ID: TP-7 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:22
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/28/21 23:46
 Analyst: JAW
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.943	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	7.29		ug/kg	1.05	0.524	1	B
4,4'-DDE	3.98		ug/kg	1.68	0.388	1	B
4,4'-DDD	2.15		ug/kg	1.68	0.598	1	A
4,4'-DDT	26.8		ug/kg	3.14	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	14.0		ug/kg	2.10	0.584	1	A
trans-Chlordane	9.60		ug/kg	2.10	0.553	1	B
Chlordane	85.4	P	ug/kg	14.0	5.55	1	B

Project Name: 94-01 SUTPHIN BLVD**Lab Number:** L2157110**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/29/21**SAMPLE RESULTS**

Lab ID: L2157110-03

Date Collected: 10/19/21 11:22

Client ID: TP-7 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	202	Q	30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04 D
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/28/21 23:13
 Analyst: JAW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.17	1.80	5	A
Lindane	ND		ug/kg	3.82	1.71	5	A
Alpha-BHC	ND		ug/kg	3.82	1.08	5	A
Beta-BHC	ND		ug/kg	9.17	3.48	5	A
Heptachlor	ND		ug/kg	4.58	2.06	5	A
Aldrin	ND		ug/kg	9.17	3.23	5	A
Heptachlor epoxide	ND		ug/kg	17.2	5.16	5	A
Endrin	ND		ug/kg	3.82	1.57	5	A
Endrin aldehyde	ND		ug/kg	11.4	4.01	5	A
Endrin ketone	ND		ug/kg	9.17	2.36	5	A
Dieldrin	ND		ug/kg	5.73	2.86	5	A
4,4'-DDE	ND		ug/kg	9.17	2.12	5	A
4,4'-DDD	ND		ug/kg	9.17	3.27	5	A
4,4'-DDT	42.2		ug/kg	17.2	7.37	5	B
Endosulfan I	ND		ug/kg	9.17	2.16	5	A
Endosulfan II	ND		ug/kg	9.17	3.06	5	A
Endosulfan sulfate	ND		ug/kg	3.82	1.82	5	A
Methoxychlor	ND		ug/kg	17.2	5.35	5	A
Toxaphene	ND		ug/kg	172	48.1	5	A
cis-Chlordane	37.1		ug/kg	11.4	3.19	5	A
trans-Chlordane	33.4		ug/kg	11.4	3.02	5	B
Chlordane	403	P	ug/kg	76.4	30.4	5	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04 D
 Client ID: TP-7 (6-8)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	518	Q	30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/28/21 23:57
 Analyst: JAW
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	5.62		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	41.1		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	57.7		ug/kg	2.08	0.580	1	A
trans-Chlordane	40.6		ug/kg	2.08	0.549	1	B
Chlordane	353		ug/kg	13.9	5.51	1	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05
 Client ID: TP-2 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	374	Q	30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06 D
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/29/21 15:17
 Analyst: JAW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.03	1.77	5	A
Lindane	ND		ug/kg	3.76	1.68	5	A
Alpha-BHC	ND		ug/kg	3.76	1.07	5	A
Beta-BHC	ND		ug/kg	9.03	3.42	5	A
Heptachlor	ND		ug/kg	4.51	2.02	5	A
Aldrin	ND		ug/kg	9.03	3.18	5	A
Heptachlor epoxide	ND		ug/kg	16.9	5.08	5	A
Endrin	ND		ug/kg	3.76	1.54	5	A
Endrin aldehyde	ND		ug/kg	11.3	3.95	5	A
Endrin ketone	ND		ug/kg	9.03	2.32	5	A
Dieldrin	ND		ug/kg	5.64	2.82	5	A
4,4'-DDE	ND		ug/kg	9.03	2.09	5	A
4,4'-DDD	24.8		ug/kg	9.03	3.22	5	A
4,4'-DDT	117		ug/kg	16.9	7.26	5	B
Endosulfan I	ND		ug/kg	9.03	2.13	5	A
Endosulfan II	ND		ug/kg	9.03	3.02	5	A
Endosulfan sulfate	ND		ug/kg	3.76	1.79	5	A
Methoxychlor	ND		ug/kg	16.9	5.27	5	A
Toxaphene	ND		ug/kg	169	47.4	5	A
cis-Chlordane	53.2		ug/kg	11.3	3.14	5	B
trans-Chlordane	50.0		ug/kg	11.3	2.98	5	B
Chlordane	454	P	ug/kg	75.2	29.9	5	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06 D
 Client ID: TP-2 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:05
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	850	Q	30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
 Client ID: TP-11 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/29/21 00:08
 Analyst: JAW
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.822	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	1.82		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	2.74	J	ug/kg	3.08	1.32	1	B
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.959	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	8.78		ug/kg	2.05	0.572	1	A
trans-Chlordane	7.88		ug/kg	2.05	0.542	1	B
Chlordane	53.9	P	ug/kg	13.7	5.44	1	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07
 Client ID: TP-11 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/29/21 00:19
 Analyst: JAW
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 22:14
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	6.59	1.29	1	A
Lindane	ND		ug/kg	2.74	1.23	1	A
Alpha-BHC	ND		ug/kg	2.74	0.779	1	A
Beta-BHC	ND		ug/kg	6.59	2.50	1	A
Heptachlor	ND		ug/kg	3.29	1.48	1	A
Aldrin	ND		ug/kg	6.59	2.32	1	A
Heptachlor epoxide	ND		ug/kg	12.4	3.70	1	A
Endrin	ND		ug/kg	2.74	1.12	1	A
Endrin aldehyde	ND		ug/kg	8.23	2.88	1	A
Endrin ketone	ND		ug/kg	6.59	1.70	1	A
Dieldrin	ND		ug/kg	4.12	2.06	1	A
4,4'-DDE	4.25	J	ug/kg	6.59	1.52	1	A
4,4'-DDD	ND		ug/kg	6.59	2.35	1	A
4,4'-DDT	5.86	J	ug/kg	12.4	5.30	1	A
Endosulfan I	ND		ug/kg	6.59	1.56	1	A
Endosulfan II	ND		ug/kg	6.59	2.20	1	A
Endosulfan sulfate	ND		ug/kg	2.74	1.31	1	A
Methoxychlor	ND		ug/kg	12.4	3.84	1	A
Toxaphene	ND		ug/kg	124	34.6	1	A
cis-Chlordane	5.47	J	ug/kg	8.23	2.29	1	B
trans-Chlordane	7.54	J	ug/kg	8.23	2.17	1	B
Chlordane	ND		ug/kg	54.9	21.8	1	A

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08
 Client ID: TP-11 (4-6)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:15
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	132		30-150	B
Decachlorobiphenyl	190	Q	30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/29/21 00:29
 Analyst: JAW
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 20:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.677	0.303	1	A
Alpha-BHC	ND		ug/kg	0.677	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.616	1	A
Heptachlor	ND		ug/kg	0.813	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.572	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.914	1	A
Endrin	ND		ug/kg	0.677	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.711	1	A
Endrin ketone	ND		ug/kg	1.62	0.418	1	A
Dieldrin	4.91		ug/kg	1.02	0.508	1	B
4,4'-DDE	2.03		ug/kg	1.62	0.376	1	B
4,4'-DDD	ND		ug/kg	1.62	0.580	1	A
4,4'-DDT	3.66		ug/kg	3.05	1.31	1	B
Endosulfan I	ND		ug/kg	1.62	0.384	1	A
Endosulfan II	ND		ug/kg	1.62	0.543	1	A
Endosulfan sulfate	ND		ug/kg	0.677	0.322	1	A
Methoxychlor	ND		ug/kg	3.05	0.948	1	A
Toxaphene	ND		ug/kg	30.5	8.53	1	A
cis-Chlordane	1.92	J	ug/kg	2.03	0.566	1	A
trans-Chlordane	1.83	J	ug/kg	2.03	0.536	1	B
Chlordane	ND		ug/kg	13.5	5.38	1	A

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09
 Client ID: TP-12 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:30
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/29/21 00:40
 Analyst: JAW
 Percent Solids: 58%

Extraction Method: EPA 3546
 Extraction Date: 10/25/21 22:14
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	7.62	1.49	1	A
Lindane	ND		ug/kg	3.17	1.42	1	A
Alpha-BHC	ND		ug/kg	3.17	0.902	1	A
Beta-BHC	ND		ug/kg	7.62	2.89	1	A
Heptachlor	ND		ug/kg	3.81	1.71	1	A
Aldrin	ND		ug/kg	7.62	2.68	1	A
Heptachlor epoxide	ND		ug/kg	14.3	4.29	1	A
Endrin	ND		ug/kg	3.17	1.30	1	A
Endrin aldehyde	ND		ug/kg	9.52	3.33	1	A
Endrin ketone	ND		ug/kg	7.62	1.96	1	A
Dieldrin	ND		ug/kg	4.76	2.38	1	A
4,4'-DDE	ND		ug/kg	7.62	1.76	1	A
4,4'-DDD	ND		ug/kg	7.62	2.72	1	A
4,4'-DDT	ND		ug/kg	14.3	6.13	1	A
Endosulfan I	ND		ug/kg	7.62	1.80	1	A
Endosulfan II	ND		ug/kg	7.62	2.55	1	A
Endosulfan sulfate	ND		ug/kg	3.17	1.51	1	A
Methoxychlor	ND		ug/kg	14.3	4.44	1	A
Toxaphene	ND		ug/kg	143	40.0	1	A
cis-Chlordane	ND		ug/kg	9.52	2.65	1	A
trans-Chlordane	ND		ug/kg	9.52	2.51	1	A
Chlordane	ND		ug/kg	63.5	25.2	1	A

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10
 Client ID: TP-12 (8-10)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:35
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
Client ID: TP-13 (0-2)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/29/21 00:51
Analyst: JAW
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 10/25/21 20:31
Cleanup Method: EPA 3620B
Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.808	0.361	1	A
Alpha-BHC	ND		ug/kg	0.808	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.736	1	A
Heptachlor	5.82		ug/kg	0.970	0.435	1	B
Aldrin	ND		ug/kg	1.94	0.683	1	A
Heptachlor epoxide	5.06		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.808	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.849	1	A
Endrin ketone	ND		ug/kg	1.94	0.500	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	A
4,4'-DDE	7.93		ug/kg	1.94	0.449	1	B
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	65.4		ug/kg	3.64	1.56	1	B
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.808	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	25.8		ug/kg	2.42	0.676	1	A
trans-Chlordane	23.1		ug/kg	2.42	0.640	1	B
Chlordane	193		ug/kg	16.2	6.43	1	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
Client ID: TP-13 (9-11)
Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/29/21 01:02
Analyst: JAW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/25/21 20:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	5.62		ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.645	1	A
4,4'-DDT	ND		ug/kg	3.39	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	52.2	P	ug/kg	2.26	0.630	1	A
trans-Chlordane	35.9		ug/kg	2.26	0.596	1	A
Chlordane	330		ug/kg	15.1	5.99	1	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12
 Client ID: TP-13 (9-11)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 14:00
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/27/21 16:20
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 10/25/21 20:31
Cleanup Method: EPA 3620B
Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12 Batch: WG1562940-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.985	0.492	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	2.95	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A
4,4'-DDE	ND		ug/kg	1.58	0.364	B

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 10/27/21 16:20
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 10/25/21 20:31
Cleanup Method: EPA 3620B
Cleanup Date: 10/27/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12 Batch: WG1562940-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1562940-2 WG1562940-3									
Delta-BHC	81		84		30-150	4		30	A
Lindane	83		87		30-150	5		30	A
Alpha-BHC	86		90		30-150	5		30	A
Beta-BHC	79		82		30-150	4		30	A
Heptachlor	80		87		30-150	8		30	A
Aldrin	86		86		30-150	0		30	A
Heptachlor epoxide	73		86		30-150	16		30	A
Endrin	91		94		30-150	3		30	A
Endrin aldehyde	57		62		30-150	8		30	A
Endrin ketone	81		88		30-150	8		30	A
Dieldrin	91		94		30-150	3		30	A
4,4'-DDE	87		89		30-150	2		30	A
4,4'-DDD	90		95		30-150	5		30	A
4,4'-DDT	84		88		30-150	5		30	A
Endosulfan I	83		86		30-150	4		30	A
Endosulfan II	89		93		30-150	4		30	A
Endosulfan sulfate	70		76		30-150	8		30	A
Methoxychlor	76		82		30-150	8		30	A
cis-Chlordane	68		72		30-150	6		30	A
trans-Chlordane	88		88		30-150	0		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1562940-2 WG1562940-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	73		79		30-150	A
Decachlorobiphenyl	77		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		78		30-150	B
Decachlorobiphenyl	71		73		30-150	B



METALS

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01
 Client ID: TP-6 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 11:10
 Date Received: 10/19/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5080		mg/kg	8.14	2.20	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.07	0.310	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Arsenic, Total	2.26		mg/kg	0.814	0.169	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Barium, Total	36.9		mg/kg	0.814	0.142	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Beryllium, Total	0.147	J	mg/kg	0.407	0.027	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Cadmium, Total	0.391	J	mg/kg	0.814	0.080	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Calcium, Total	3420		mg/kg	8.14	2.85	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Chromium, Total	10.3		mg/kg	0.814	0.078	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Cobalt, Total	4.59		mg/kg	1.63	0.135	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Copper, Total	16.3		mg/kg	0.814	0.210	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Iron, Total	12000		mg/kg	204	36.8	100	10/27/21 00:40	10/28/21 16:23	EPA 3050B	1,6010D	GD
Lead, Total	37.4		mg/kg	4.07	0.218	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Magnesium, Total	2050		mg/kg	8.14	1.25	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Manganese, Total	188		mg/kg	0.814	0.130	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.085	0.056	1	10/27/21 01:27	10/27/21 11:50	EPA 7471B	1,7471B	AC
Nickel, Total	7.52		mg/kg	2.04	0.197	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Potassium, Total	629		mg/kg	204	11.7	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.63	0.210	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.814	0.230	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Sodium, Total	43.0	J	mg/kg	163	2.56	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.63	0.256	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Vanadium, Total	15.9		mg/kg	0.814	0.165	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV
Zinc, Total	51.9		mg/kg	4.07	0.239	2	10/27/21 00:40	10/27/21 22:55	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02

Date Collected: 10/19/21 11:15

Client ID: TP-6 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

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											
Aluminum, Total	6350		mg/kg	9.52	2.57	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.76	0.362	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Arsenic, Total	4.14		mg/kg	0.952	0.198	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Barium, Total	150		mg/kg	0.952	0.166	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Beryllium, Total	0.333	J	mg/kg	0.476	0.031	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Cadmium, Total	1.21		mg/kg	0.952	0.093	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Calcium, Total	41300		mg/kg	9.52	3.33	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Chromium, Total	9.25		mg/kg	0.952	0.091	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Cobalt, Total	3.12		mg/kg	1.90	0.158	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Copper, Total	19.0		mg/kg	0.952	0.246	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Iron, Total	15900		mg/kg	238	43.0	100	10/27/21 00:40	10/28/21 16:27	EPA 3050B	1,6010D	GD
Lead, Total	96.7		mg/kg	4.76	0.255	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Magnesium, Total	3970		mg/kg	9.52	1.47	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Manganese, Total	388		mg/kg	0.952	0.151	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Mercury, Total	0.083	J	mg/kg	0.084	0.055	1	10/27/21 01:27	10/27/21 11:53	EPA 7471B	1,7471B	AC
Nickel, Total	7.34		mg/kg	2.38	0.230	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Potassium, Total	1110		mg/kg	238	13.7	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.90	0.246	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.952	0.269	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Sodium, Total	377		mg/kg	190	3.00	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.90	0.300	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Vanadium, Total	13.8		mg/kg	0.952	0.193	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV
Zinc, Total	591		mg/kg	4.76	0.279	2	10/27/21 00:40	10/27/21 22:59	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03

Date Collected: 10/19/21 11:22

Client ID: TP-7 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5840		mg/kg	8.47	2.29	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Antimony, Total	0.881	J	mg/kg	4.23	0.322	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Arsenic, Total	3.28		mg/kg	0.847	0.176	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Barium, Total	78.1		mg/kg	0.847	0.147	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Beryllium, Total	0.229	J	mg/kg	0.423	0.028	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Cadmium, Total	0.483	J	mg/kg	0.847	0.083	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Calcium, Total	5150		mg/kg	8.47	2.96	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Chromium, Total	13.5		mg/kg	0.847	0.081	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Cobalt, Total	6.14		mg/kg	1.69	0.140	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Copper, Total	25.2		mg/kg	0.847	0.218	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Iron, Total	16600		mg/kg	212	38.2	100	10/27/21 00:40	10/28/21 16:31	EPA 3050B	1,6010D	GD
Lead, Total	136		mg/kg	4.23	0.227	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Magnesium, Total	1830		mg/kg	8.47	1.30	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Manganese, Total	284		mg/kg	0.847	0.135	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Mercury, Total	0.110		mg/kg	0.083	0.054	1	10/27/21 01:27	10/27/21 11:57	EPA 7471B	1,7471B	AC
Nickel, Total	10.9		mg/kg	2.12	0.205	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Potassium, Total	826		mg/kg	212	12.2	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.69	0.218	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.847	0.240	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Sodium, Total	56.1	J	mg/kg	169	2.67	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.69	0.267	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Vanadium, Total	21.1		mg/kg	0.847	0.172	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV
Zinc, Total	87.1		mg/kg	4.23	0.248	2	10/27/21 00:40	10/27/21 23:04	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04

Date Collected: 10/19/21 11:30

Client ID: TP-7 (6-8)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5250		mg/kg	8.86	2.39	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Antimony, Total	0.452	J	mg/kg	4.43	0.336	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Arsenic, Total	6.54		mg/kg	0.886	0.184	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Barium, Total	151		mg/kg	0.886	0.154	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Beryllium, Total	0.257	J	mg/kg	0.443	0.029	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Cadmium, Total	1.08		mg/kg	0.886	0.087	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Calcium, Total	27100		mg/kg	8.86	3.10	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Chromium, Total	12.7		mg/kg	0.886	0.085	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Cobalt, Total	5.17		mg/kg	1.77	0.147	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Copper, Total	35.3		mg/kg	0.886	0.228	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Iron, Total	18800		mg/kg	221	40.0	100	10/27/21 00:40	10/28/21 16:45	EPA 3050B	1,6010D	GD
Lead, Total	180		mg/kg	4.43	0.237	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Magnesium, Total	2370		mg/kg	8.86	1.36	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Manganese, Total	184		mg/kg	0.886	0.141	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Mercury, Total	0.100		mg/kg	0.090	0.058	1	10/27/21 01:27	10/27/21 12:02	EPA 7471B	1,7471B	AC
Nickel, Total	27.6		mg/kg	2.21	0.214	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Potassium, Total	595		mg/kg	221	12.8	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Selenium, Total	0.540	J	mg/kg	1.77	0.228	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.886	0.251	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Sodium, Total	268		mg/kg	177	2.79	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.77	0.279	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Vanadium, Total	15.0		mg/kg	0.886	0.180	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV
Zinc, Total	289		mg/kg	4.43	0.259	2	10/27/21 00:40	10/27/21 23:08	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05

Date Collected: 10/19/21 13:00

Client ID: TP-2 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4830		mg/kg	8.35	2.25	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Antimony, Total	0.618	J	mg/kg	4.17	0.317	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Arsenic, Total	3.39		mg/kg	0.835	0.174	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Barium, Total	138		mg/kg	0.835	0.145	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Beryllium, Total	0.200	J	mg/kg	0.417	0.028	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Cadmium, Total	0.576	J	mg/kg	0.835	0.082	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Calcium, Total	13100		mg/kg	8.35	2.92	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Chromium, Total	13.0		mg/kg	0.835	0.080	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Cobalt, Total	4.78		mg/kg	1.67	0.139	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Copper, Total	24.2		mg/kg	0.835	0.215	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Iron, Total	18500		mg/kg	209	37.7	100	10/27/21 00:40	10/28/21 16:49	EPA 3050B	1,6010D	GD
Lead, Total	122		mg/kg	4.17	0.224	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Magnesium, Total	2910		mg/kg	8.35	1.28	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Manganese, Total	246		mg/kg	0.835	0.133	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Mercury, Total	0.823		mg/kg	0.081	0.053	1	10/27/21 01:27	10/27/21 12:05	EPA 7471B	1,7471B	AC
Nickel, Total	12.4		mg/kg	2.09	0.202	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Potassium, Total	712		mg/kg	209	12.0	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Selenium, Total	0.743	J	mg/kg	1.67	0.215	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.835	0.236	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Sodium, Total	76.1	J	mg/kg	167	2.63	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.67	0.263	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Vanadium, Total	16.4		mg/kg	0.835	0.170	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV
Zinc, Total	176		mg/kg	4.17	0.245	2	10/27/21 00:40	10/27/21 23:13	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06

Date Collected: 10/19/21 13:05

Client ID: TP-2 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5040		mg/kg	9.15	2.47	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Antimony, Total	0.540	J	mg/kg	4.58	0.348	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Arsenic, Total	4.68		mg/kg	0.915	0.190	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Barium, Total	171		mg/kg	0.915	0.159	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Beryllium, Total	0.128	J	mg/kg	0.458	0.030	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Cadmium, Total	1.04		mg/kg	0.915	0.090	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Calcium, Total	47400		mg/kg	458	160.	100	10/27/21 00:40	10/28/21 16:53	EPA 3050B	1,6010D	GD
Chromium, Total	11.3		mg/kg	0.915	0.088	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Cobalt, Total	4.63		mg/kg	1.83	0.152	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Copper, Total	29.7		mg/kg	0.915	0.236	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Iron, Total	23000		mg/kg	229	41.3	100	10/27/21 00:40	10/28/21 16:53	EPA 3050B	1,6010D	GD
Lead, Total	121		mg/kg	4.58	0.245	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Magnesium, Total	4390		mg/kg	9.15	1.41	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Manganese, Total	280		mg/kg	0.915	0.146	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Mercury, Total	0.225		mg/kg	0.097	0.063	1	10/27/21 01:27	10/27/21 12:08	EPA 7471B	1,7471B	AC
Nickel, Total	10.3		mg/kg	2.29	0.221	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Potassium, Total	969		mg/kg	229	13.2	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Selenium, Total	0.439	J	mg/kg	1.83	0.236	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.915	0.259	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Sodium, Total	238		mg/kg	183	2.88	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.83	0.288	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Vanadium, Total	20.3		mg/kg	0.915	0.186	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV
Zinc, Total	347		mg/kg	4.58	0.268	2	10/27/21 00:40	10/27/21 23:17	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07

Date Collected: 10/19/21 13:10

Client ID: TP-11 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5160		mg/kg	8.06	2.18	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.03	0.306	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Arsenic, Total	2.56		mg/kg	0.806	0.168	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Barium, Total	38.1		mg/kg	0.806	0.140	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Beryllium, Total	0.169	J	mg/kg	0.403	0.027	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Cadmium, Total	0.363	J	mg/kg	0.806	0.079	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Calcium, Total	2920		mg/kg	8.06	2.82	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Chromium, Total	11.8		mg/kg	0.806	0.077	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Cobalt, Total	4.84		mg/kg	1.61	0.134	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Copper, Total	16.2		mg/kg	0.806	0.208	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Iron, Total	12200		mg/kg	202	36.4	100	10/27/21 00:40	10/28/21 16:58	EPA 3050B	1,6010D	GD
Lead, Total	45.6		mg/kg	4.03	0.216	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Magnesium, Total	2350		mg/kg	8.06	1.24	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Manganese, Total	191		mg/kg	0.806	0.128	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Mercury, Total	0.057	J	mg/kg	0.082	0.054	1	10/27/21 01:27	10/27/21 12:12	EPA 7471B	1,7471B	AC
Nickel, Total	10.1		mg/kg	2.02	0.195	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Potassium, Total	589		mg/kg	202	11.6	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.61	0.208	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.806	0.228	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Sodium, Total	36.5	J	mg/kg	161	2.54	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.61	0.254	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Vanadium, Total	20.8		mg/kg	0.806	0.164	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV
Zinc, Total	45.4		mg/kg	4.03	0.236	2	10/27/21 00:40	10/27/21 23:22	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08

Date Collected: 10/19/21 13:15

Client ID: TP-11 (4-6)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4840		mg/kg	11.1	3.00	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	5.55	0.422	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Arsenic, Total	2.98		mg/kg	1.11	0.231	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Barium, Total	62.6		mg/kg	1.11	0.193	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Beryllium, Total	0.111	J	mg/kg	0.555	0.037	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Cadmium, Total	0.611	J	mg/kg	1.11	0.109	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Calcium, Total	55900		mg/kg	555	194.	100	10/27/21 00:40	10/28/21 17:02	EPA 3050B	1,6010D	GD
Chromium, Total	10.7		mg/kg	1.11	0.107	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Cobalt, Total	2.98		mg/kg	2.22	0.184	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Copper, Total	19.2		mg/kg	1.11	0.286	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Iron, Total	10100		mg/kg	278	50.1	100	10/27/21 00:40	10/28/21 17:02	EPA 3050B	1,6010D	GD
Lead, Total	45.4		mg/kg	5.55	0.298	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Magnesium, Total	2990		mg/kg	11.1	1.71	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Manganese, Total	137		mg/kg	1.11	0.176	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.118	0.077	1	10/27/21 01:27	10/27/21 12:25	EPA 7471B	1,7471B	AC
Nickel, Total	7.44		mg/kg	2.78	0.269	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Potassium, Total	1070		mg/kg	278	16.0	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Selenium, Total	0.400	J	mg/kg	2.22	0.286	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	1.11	0.314	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Sodium, Total	258		mg/kg	222	3.50	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	2.22	0.350	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Vanadium, Total	15.5		mg/kg	1.11	0.225	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV
Zinc, Total	156		mg/kg	5.55	0.325	2	10/27/21 00:40	10/27/21 23:35	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09

Date Collected: 10/19/21 13:30

Client ID: TP-12 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5520		mg/kg	8.33	2.25	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.16	0.316	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Arsenic, Total	3.93		mg/kg	0.833	0.173	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Barium, Total	50.7		mg/kg	0.833	0.145	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Beryllium, Total	0.200	J	mg/kg	0.416	0.028	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Cadmium, Total	0.333	J	mg/kg	0.833	0.082	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Calcium, Total	4100		mg/kg	8.33	2.92	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Chromium, Total	11.0		mg/kg	0.833	0.080	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Cobalt, Total	4.11		mg/kg	1.66	0.138	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Copper, Total	18.1		mg/kg	0.833	0.215	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Iron, Total	11000		mg/kg	208	37.6	100	10/27/21 00:40	10/28/21 17:06	EPA 3050B	1,6010D	GD
Lead, Total	41.5		mg/kg	4.16	0.223	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Magnesium, Total	2590		mg/kg	8.33	1.28	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Manganese, Total	174		mg/kg	0.833	0.132	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Mercury, Total	0.083		mg/kg	0.081	0.053	1	10/27/21 01:27	10/27/21 12:28	EPA 7471B	1,7471B	AC
Nickel, Total	9.97		mg/kg	2.08	0.202	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Potassium, Total	566		mg/kg	208	12.0	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Selenium, Total	0.292	J	mg/kg	1.66	0.215	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.833	0.236	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Sodium, Total	40.6	J	mg/kg	166	2.62	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.66	0.262	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Vanadium, Total	14.5		mg/kg	0.833	0.169	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV
Zinc, Total	63.2		mg/kg	4.16	0.244	2	10/27/21 00:40	10/27/21 23:40	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10

Date Collected: 10/19/21 13:35

Client ID: TP-12 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 58%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5730		mg/kg	13.3	3.58	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	6.63	0.504	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Arsenic, Total	2.85		mg/kg	1.33	0.276	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Barium, Total	51.8		mg/kg	1.33	0.231	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Beryllium, Total	0.093	J	mg/kg	0.663	0.044	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Cadmium, Total	0.424	J	mg/kg	1.33	0.130	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Calcium, Total	80800		mg/kg	663	232.	100	10/27/21 00:40	10/28/21 17:11	EPA 3050B	1,6010D	GD
Chromium, Total	9.42		mg/kg	1.33	0.127	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Cobalt, Total	2.59	J	mg/kg	2.65	0.220	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Copper, Total	14.7		mg/kg	1.33	0.342	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Iron, Total	7740		mg/kg	332	59.9	100	10/27/21 00:40	10/28/21 17:11	EPA 3050B	1,6010D	GD
Lead, Total	16.7		mg/kg	6.63	0.356	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Magnesium, Total	3400		mg/kg	13.3	2.04	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Manganese, Total	129		mg/kg	1.33	0.211	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.127	0.083	1	10/27/21 01:27	10/27/21 12:31	EPA 7471B	1,7471B	AC
Nickel, Total	6.22		mg/kg	3.32	0.321	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Potassium, Total	986		mg/kg	332	19.1	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Selenium, Total	0.557	J	mg/kg	2.65	0.342	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	1.33	0.375	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Sodium, Total	394		mg/kg	265	4.18	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	2.65	0.418	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Vanadium, Total	11.0		mg/kg	1.33	0.269	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV
Zinc, Total	65.4		mg/kg	6.63	0.389	2	10/27/21 00:40	10/27/21 23:44	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11
 Client ID: TP-13 (0-2)
 Sample Location: JAMAICA, NY

Date Collected: 10/19/21 13:45
 Date Received: 10/19/21
 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											
Aluminum, Total	7010		mg/kg	9.44	2.55	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.72	0.359	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Arsenic, Total	3.33		mg/kg	0.944	0.196	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Barium, Total	84.2		mg/kg	0.944	0.164	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Beryllium, Total	0.264	J	mg/kg	0.472	0.031	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Cadmium, Total	0.368	J	mg/kg	0.944	0.093	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Calcium, Total	2710		mg/kg	9.44	3.30	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Chromium, Total	13.4		mg/kg	0.944	0.091	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Cobalt, Total	5.55		mg/kg	1.89	0.157	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Copper, Total	18.9		mg/kg	0.944	0.244	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Iron, Total	15300		mg/kg	236	42.6	100	10/27/21 00:40	10/28/21 17:15	EPA 3050B	1,6010D	GD
Lead, Total	65.3		mg/kg	4.72	0.253	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Magnesium, Total	2200		mg/kg	9.44	1.45	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Manganese, Total	236		mg/kg	0.944	0.150	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Mercury, Total	0.101		mg/kg	0.090	0.059	1	10/27/21 01:27	10/27/21 12:39	EPA 7471B	1,7471B	AC
Nickel, Total	11.9		mg/kg	2.36	0.228	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Potassium, Total	694		mg/kg	236	13.6	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.89	0.244	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.944	0.267	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Sodium, Total	54.6	J	mg/kg	189	2.97	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.89	0.297	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Vanadium, Total	21.0		mg/kg	0.944	0.192	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV
Zinc, Total	61.5		mg/kg	4.72	0.277	2	10/27/21 00:40	10/27/21 23:49	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12

Date Collected: 10/19/21 14:00

Client ID: TP-13 (9-11)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6680		mg/kg	8.71	2.35	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.36	0.331	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Arsenic, Total	2.78		mg/kg	0.871	0.181	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Barium, Total	43.5		mg/kg	0.871	0.152	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Beryllium, Total	0.235	J	mg/kg	0.436	0.029	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Cadmium, Total	0.383	J	mg/kg	0.871	0.085	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Calcium, Total	5130		mg/kg	8.71	3.05	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Chromium, Total	14.1		mg/kg	0.871	0.084	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Cobalt, Total	5.11		mg/kg	1.74	0.145	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Copper, Total	17.9		mg/kg	0.871	0.225	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Iron, Total	14000		mg/kg	218	39.3	100	10/27/21 00:40	10/28/21 17:20	EPA 3050B	1,6010D	GD
Lead, Total	30.8		mg/kg	4.36	0.234	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Magnesium, Total	2240		mg/kg	8.71	1.34	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Manganese, Total	297		mg/kg	0.871	0.138	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.095	0.062	1	10/27/21 01:27	10/27/21 12:42	EPA 7471B	1,7471B	AC
Nickel, Total	9.56		mg/kg	2.18	0.211	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Potassium, Total	716		mg/kg	218	12.5	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.74	0.225	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.871	0.247	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Sodium, Total	69.7	J	mg/kg	174	2.74	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.74	0.274	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Vanadium, Total	19.2		mg/kg	0.871	0.177	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV
Zinc, Total	46.9		mg/kg	4.36	0.255	2	10/27/21 00:40	10/27/21 23:53	EPA 3050B	1,6010D	SV



Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1562875-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Arsenic, Total	0.092	J	mg/kg	0.400	0.083	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Iron, Total	0.524	J	mg/kg	2.00	0.361	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Sodium, Total	1.94	J	mg/kg	80.0	1.26	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/27/21 00:40	10/27/21 20:33	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1562878-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/27/21 01:27	10/27/21 10:27	1,7471B	AC



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1562875-2 SRM Lot Number: D109-540								
Aluminum, Total	62		-		50-150	-		
Antimony, Total	115		-		19-250	-		
Arsenic, Total	93		-		70-130	-		
Barium, Total	86		-		75-125	-		
Beryllium, Total	89		-		75-125	-		
Cadmium, Total	88		-		75-125	-		
Calcium, Total	88		-		73-128	-		
Chromium, Total	85		-		70-130	-		
Cobalt, Total	88		-		75-125	-		
Copper, Total	89		-		75-125	-		
Iron, Total	82		-		35-165	-		
Lead, Total	86		-		72-128	-		
Magnesium, Total	78		-		62-138	-		
Manganese, Total	84		-		74-126	-		
Nickel, Total	88		-		70-130	-		
Potassium, Total	79		-		59-141	-		
Selenium, Total	93		-		68-132	-		
Silver, Total	90		-		68-131	-		
Sodium, Total	93		-		35-165	-		
Thallium, Total	91		-		68-131	-		
Vanadium, Total	85		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1562875-2 SRM Lot Number: D109-540					
Zinc, Total	87	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1562878-2 SRM Lot Number: D109-540					
Mercury, Total	91	-	60-140	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-3 WG1562875-4 QC Sample: L2156976-01 Client ID: MS Sample												
Aluminum, Total	2940	164	3270	202	Q	3090	91		75-125	6		20
Antimony, Total	ND	40.9	30.1	74	Q	30.0	73	Q	75-125	0		20
Arsenic, Total	1.49	9.82	9.46	81		9.60	82		75-125	1		20
Barium, Total	11.4	164	140	79		139	78		75-125	1		20
Beryllium, Total	0.048J	4.09	3.24	79		3.21	78		75-125	1		20
Cadmium, Total	0.176J	4.34	3.48	80		3.47	80		75-125	0		20
Calcium, Total	7890	818	7970	10	Q	9460	191	Q	75-125	17		20
Chromium, Total	7.13	16.4	16.6	58	Q	16.5	57	Q	75-125	1		20
Cobalt, Total	2.58	40.9	31.8	71	Q	31.8	71	Q	75-125	0		20
Copper, Total	10.9	20.4	28.3	85		27.2	79		75-125	4		20
Iron, Total	7390	81.8	7660	330	Q	7260	0	Q	75-125	5		20
Lead, Total	1.85J	43.4	33.3	77		33.8	78		75-125	1		20
Magnesium, Total	3240	818	3870	77		3870	77		75-125	0		20
Manganese, Total	292	40.9	348	137	Q	339	114		75-125	3		20
Nickel, Total	5.07	40.9	35.4	74	Q	35.2	73	Q	75-125	1		20
Potassium, Total	193J	818	870	106		875	106		75-125	1		20
Selenium, Total	ND	9.82	7.57	77		7.65	78		75-125	1		20
Silver, Total	ND	24.5	21.2	86		21.0	85		75-125	1		20
Sodium, Total	18.9J	818	706	86		709	86		75-125	0		20
Thallium, Total	0.272J	9.82	7.63	78		7.72	78		75-125	1		20
Vanadium, Total	7.06	40.9	38.1	76		38.2	76		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-3 WG1562875-4 QC Sample: L2156976-01 Client ID: MS Sample											
Zinc, Total	15.1	40.9	44.7	72	Q	43.9	70	Q	75-125	2	20

Matrix Spike Analysis Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-7 WG1562875-8 QC Sample: L2156976-03 Client ID: MS Sample											
Aluminum, Total	893	153	1180	188	Q	1150	162	Q	75-125	3	20
Antimony, Total	ND	38.2	27.7	72	Q	28.8	73	Q	75-125	4	20
Arsenic, Total	2.96	9.18	10.7	84		13.6	112		75-125	24	Q 20
Barium, Total	23.9	153	160	89		154	82		75-125	4	20
Beryllium, Total	ND	3.82	2.77	72	Q	2.83	71	Q	75-125	2	20
Cadmium, Total	0.156J	4.05	3.05	75		3.23	77		75-125	6	20
Calcium, Total	318000	765	338000	2610	Q	323000	630	Q	75-125	5	20
Chromium, Total	2.19	15.3	13.1	71	Q	13.5	71	Q	75-125	3	20
Cobalt, Total	1.20J	38.2	26.9	70	Q	28.1	71	Q	75-125	4	20
Copper, Total	1.70	19.1	17.2	81		18.0	82		75-125	5	20
Iron, Total	3910	76.5	3320	0	Q	4450	681	Q	75-125	29	Q 20
Lead, Total	4.63	40.5	32.3	68	Q	33.8	69	Q	75-125	5	20
Magnesium, Total	4960	765	4830	0	Q	4940	0	Q	75-125	2	20
Manganese, Total	226	38.2	240	36	Q	237	28	Q	75-125	1	20
Nickel, Total	2.76	38.2	28.8	68	Q	30.3	69	Q	75-125	5	20
Potassium, Total	285	765	1110	108		1130	106		75-125	2	20
Selenium, Total	ND	9.18	8.16	89		8.54	90		75-125	5	20
Silver, Total	ND	23	23.1	101		23.1	97		75-125	0	20
Sodium, Total	292	765	960	87		985	87		75-125	3	20
Thallium, Total	ND	9.18	4.96	54	Q	5.23	55	Q	75-125	5	20
Vanadium, Total	2.74	38.2	31.5	75		32.6	75		75-125	3	20

Matrix Spike Analysis Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-7 WG1562875-8 QC Sample: L2156976-03 Client ID: MS Sample										
Zinc, Total	20.7	38.2	46.0	66	Q	54.8	86	75-125	17	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562878-3 WG1562878-4 QC Sample: L2156976-01 Client ID: MS Sample										
Mercury, Total	ND	0.145	0.139	96		0.156	96	80-120	12	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562878-5 WG1562878-6 QC Sample: L2156976-03 Client ID: MS Sample										
Mercury, Total	ND	0.138	0.126	91		0.152	94	80-120	19	20

Project Name: 94-01 SUTPHIN BLVD

Project Number: 94-01 SUTPHIN BL

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2157110

Report Date: 10/29/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-10 QC Sample: L2156976-03 Client ID: DUP Sample						
Aluminum, Total	893	986	mg/kg	10		20
Barium, Total	23.9	26.6	mg/kg	11		20
Iron, Total	3910	4680	mg/kg	20		20
Magnesium, Total	4960	6100	mg/kg	23	Q	20
Manganese, Total	226	273	mg/kg	21	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-10 QC Sample: L2156976-03 Client ID: DUP Sample						
Calcium, Total	318000	338000	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1562875-6 QC Sample: L2156976-01 Client ID: DUP Sample						
Aluminum, Total	2940	3570	mg/kg	21	Q	20
Calcium, Total	7890	9640	mg/kg	22	Q	20
Iron, Total	7390	9100	mg/kg	23	Q	20
Magnesium, Total	3240	3910	mg/kg	21	Q	20
Manganese, Total	292	361	mg/kg	24	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-01

Date Collected: 10/19/21 11:10

Client ID: TP-6 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-02

Date Collected: 10/19/21 11:15

Client ID: TP-6 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-03

Date Collected: 10/19/21 11:22

Client ID: TP-7 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-04

Date Collected: 10/19/21 11:30

Client ID: TP-7 (6-8)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-05

Date Collected: 10/19/21 13:00

Client ID: TP-2 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-06

Date Collected: 10/19/21 13:05

Client ID: TP-2 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-07

Date Collected: 10/19/21 13:10

Client ID: TP-11 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-08

Date Collected: 10/19/21 13:15

Client ID: TP-11 (4-6)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.8		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-09

Date Collected: 10/19/21 13:30

Client ID: TP-12 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-10

Date Collected: 10/19/21 13:35

Client ID: TP-12 (8-10)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	57.9		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-11

Date Collected: 10/19/21 13:45

Client ID: TP-13 (0-2)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

SAMPLE RESULTS

Lab ID: L2157110-12

Date Collected: 10/19/21 14:00

Client ID: TP-13 (9-11)

Date Received: 10/19/21

Sample Location: JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	10/20/21 13:15	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN BLVD

Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Report Date: 10/29/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1560943-1 QC Sample: L2157110-01 Client ID: TP-6 (0-2)						
Solids, Total	94.8	95.0	%	0		20

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Serial_No:10292118:17
Lab Number: L2157110
Report Date: 10/29/21

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(*)
L2157110-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2157110-01B	Vial Large Septa unpreserved (4oz)	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-01C	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-01X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-01Y	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-01Z	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2157110-02B	Vial Large Septa unpreserved (4oz)	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-02C	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-02X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-02Y	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-02Z	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2157110-03B	Vial Large Septa unpreserved (4oz)	B	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2157110-03C	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-03X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-03Y	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-03Z	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2157110-04B	Vial Large Septa unpreserved (4oz)	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-04C	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-04X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2157110-04Y	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-04Z	Vial Water preserved split	B	NA		3.1	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2157110-05B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-05C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-05X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-05Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-05Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2157110-06B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-06C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-06X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2157110-06Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-06Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2157110-07B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-07C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-07X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-07Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-07Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2157110-08B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-08C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-08X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-08Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-08Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2157110-09B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-09C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-09X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-09Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-09Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)

Project Name: 94-01 SUTPHIN BLVD

Lab Number: L2157110

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/29/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2157110-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2157110-10B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-10C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-10X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-10Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-10Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2157110-11B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-11C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-11X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-11Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-11Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2157110-12B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-12C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2157110-12X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2157110-12Y	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)
L2157110-12Z	Vial Water preserved split	A	NA		2.3	Y	Absent	28-OCT-21 09:51	NYTCL-8260(14)

Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

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: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

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.

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'.

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.

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.)

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 Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
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Data Qualifiers

- 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: 94-01 SUTPHIN BLVD
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157110
Report Date: 10/29/21

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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


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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	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	Date Rec'd in Lab 10/20/21	ALPHA Job # L 2157110																																																	
		of 2																																																			
Project Information Project Name: 04-01 Sutphin Blvd Project Location: Jamaica, NY			Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other																																																		
Client Information Client: Tenen Environmental Address: 121 W 27th Street NY NY 10001 Phone: 040-600-2332 Fax: 040-600-2332 Email: Mohamed@Tenen-Env.com			Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge																																																		
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₈ 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																																																		
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 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY 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 <u>2</u> of <u>2</u>	Date Rec'd in Lab <u>10/20/21</u>	ALPHA Job # <u>L 2157110</u>		
		Project Information Project Name: <u>94-01 Sutphin Blvd</u> Project Location: Project #		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info POW	
Client Information Client: <u>TENEN ENVIRONMENTAL</u> Address: Phone: Fax: Email:		(Use Project name as Project #) <input checked="" type="checkbox"/> Project Manager: ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL.				ANALYSIS VOCs 8260 SVOCs 8270 PESTICIDES PCBs TAL Metals		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		
57110 - 11	TP-1360-27	10/19/21	1345	S	SB	X X X X X	
-12	TP-13 (9-11)	10/19/21	1400	S	SB	X X X X X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative	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.)
Relinquished By: <u>[Signature]</u> Date/Time: <u>10/19/2021 1405</u>		Received By: <u>[Signature]</u> Date/Time: <u>10/19/2021 20:40</u>		Relinquished By: <u>[Signature]</u> Date/Time: <u>10/20/21 03:05</u>		Received By: <u>[Signature]</u> Date/Time: <u>10/20/21 03:05</u>	



ANALYTICAL REPORT

Lab Number:	L2157396
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	94-01 SUTPHIN AVENUE
Project Number:	94-01 SUTPHIN BLVD
Report Date:	10/27/21

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

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



Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2157396-01	TW-1	WATER	94-01 SUTPHIN AVENUE, JAMAICA, NY	10/20/21 09:20	10/20/21
L2157396-02	TW-2	WATER	94-01 SUTPHIN AVENUE, JAMAICA, NY	10/20/21 08:30	10/20/21
L2157396-03	TW-3	WATER	94-01 SUTPHIN AVENUE, JAMAICA, NY	10/20/21 10:30	10/20/21

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

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: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

Case Narrative (continued)

Report Submission

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

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

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 10/27/21

ORGANICS

VOLATILES

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01
 Client ID: TW-1
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 09:20
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/24/21 13:35
 Analyst: NLK

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	3.0		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01

Date Collected: 10/20/21 09:20

Client ID: TW-1

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01

Date Collected: 10/20/21 09:20

Client ID: TW-1

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-02
 Client ID: TW-2
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 08:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/24/21 14:21
 Analyst: NLK

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	9.1		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.91		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

SAMPLE RESULTS

Lab ID: L2157396-02
 Client ID: TW-2
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 08:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

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

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-02

Date Collected: 10/20/21 08:30

Client ID: TW-2

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-03
 Client ID: TW-3
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 10:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/24/21 13:58
 Analyst: NLK

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	24		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

SAMPLE RESULTS

Lab ID: L2157396-03

Date Collected: 10/20/21 10:30

Client ID: TW-3

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.20	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-03

Date Collected: 10/20/21 10:30

Client ID: TW-3

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/24/21 09:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1562674-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/24/21 09:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1562674-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/24/21 09:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1562674-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562674-3 WG1562674-4								
Methylene chloride	94		96		70-130	2		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	94		100		63-132	6		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	88		94		63-130	7		20
1,1,2-Trichloroethane	91		95		70-130	4		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		96		67-130	2		20
trans-1,3-Dichloropropene	91		95		70-130	4		20
cis-1,3-Dichloropropene	92		95		70-130	3		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	76		83		54-136	9		20
1,1,2,2-Tetrachloroethane	88		97		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	98		98		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	94		95		64-130	1		20
Bromomethane	110		110		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562674-3 WG1562674-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	87		96		63-130	10		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	96		97		70-130	1		20
Dibromomethane	94		100		70-130	6		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	94		110		70-130	16		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	81		84		36-147	4		20
Acetone	110		110		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	83		100		63-138	19		20
Vinyl acetate	99		110		70-130	11		20
4-Methyl-2-pentanone	77		87		59-130	12		20
2-Hexanone	88		100		57-130	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562674-3 WG1562674-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	94		99		70-130	5		20
1,3-Dichloropropane	97		100		70-130	3		20
1,1,1,2-Tetrachloroethane	89		92		64-130	3		20
Bromobenzene	96		100		70-130	4		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	98		98		70-130	0		20
p-Chlorotoluene	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	80		93		41-144	15		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	84		96		70-130	13		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	93		100		70-130	7		20
1,2,4-Trichlorobenzene	94		99		70-130	5		20
1,3,5-Trimethylbenzene	96		96		64-130	0		20
1,2,4-Trimethylbenzene	96		96		70-130	0		20
1,4-Dioxane	108		120		56-162	11		20
p-Diethylbenzene	97		99		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562674-3 WG1562674-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	95		96		70-130	1		20
Ethyl ether	96		100		59-134	4		20
trans-1,4-Dichloro-2-butene	98		110		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		113		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	98		100		70-130

SEMIVOLATILES

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01
 Client ID: TW-1
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 09:20
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/25/21 01:41
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 10/23/21 08:32

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

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01

Date Collected: 10/20/21 09:20

Client ID: TW-1

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	56		41-149

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01
 Client ID: TW-1
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 09:20
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/24/21 16:33
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 10/23/21 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.25		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.24		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.11		ug/l	0.10	0.01	1
Phenanthrene	1.3		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	0.37		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-01

Date Collected: 10/20/21 09:20

Client ID: TW-1

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	70		41-149

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-02
 Client ID: TW-2
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 08:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/25/21 02:05
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 10/23/21 08:32

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

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-02

Date Collected: 10/20/21 08:30

Client ID: TW-2

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	46		41-149

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-02
 Client ID: TW-2
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 08:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/24/21 16:52
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 10/23/21 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.15		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.10	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.06	J	ug/l	0.10	0.01	1
Phenanthrene	0.66		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	0.21		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-02

Date Collected: 10/20/21 08:30

Client ID: TW-2

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	61		41-149

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-03
 Client ID: TW-3
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 10:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/25/21 02:29
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 10/23/21 08:42

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

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-03

Date Collected: 10/20/21 10:30

Client ID: TW-3

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	47		41-149

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-03
 Client ID: TW-3
 Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Date Collected: 10/20/21 10:30
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/24/21 17:11
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 10/23/21 10:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	0.06	J	ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	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	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.46		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	0.09	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**SAMPLE RESULTS**

Lab ID: L2157396-03

Date Collected: 10/20/21 10:30

Client ID: TW-3

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVENUE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	52		41-149

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/23/21 21:10
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/23/21 08:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1562255-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.05	J	ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
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	0.02	J	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	0.08	J	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	0.04	J	ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**Method Blank Analysis
Batch Quality Control**Analytical Method: 1,8270D-SIM
Analytical Date: 10/23/21 21:10
Analyst: JJWExtraction Method: EPA 3510C
Extraction Date: 10/23/21 08:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1562255-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	117		41-149

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/24/21 22:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/23/21 08:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1562256-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/24/21 22:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/23/21 08:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1562256-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/24/21 22:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/23/21 08:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1562256-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1562255-2 WG1562255-3								
Acenaphthene	109		105		40-140	4		40
2-Chloronaphthalene	98		95		40-140	3		40
Fluoranthene	118		117		40-140	1		40
Hexachlorobutadiene	96		93		40-140	3		40
Naphthalene	98		96		40-140	2		40
Benzo(a)anthracene	112		112		40-140	0		40
Benzo(a)pyrene	121		121		40-140	0		40
Benzo(b)fluoranthene	118		113		40-140	4		40
Benzo(k)fluoranthene	122		128		40-140	5		40
Chrysene	119		119		40-140	0		40
Acenaphthylene	103		100		40-140	3		40
Anthracene	121		119		40-140	2		40
Benzo(ghi)perylene	131		131		40-140	0		40
Fluorene	110		106		40-140	4		40
Phenanthrene	113		111		40-140	2		40
Dibenzo(a,h)anthracene	142	Q	143	Q	40-140	1		40
Indeno(1,2,3-cd)pyrene	136		133		40-140	2		40
Pyrene	118		116		40-140	2		40
2-Methylnaphthalene	100		97		40-140	3		40
Pentachlorophenol	108		95		40-140	13		40
Hexachlorobenzene	118		115		40-140	3		40
Hexachloroethane	89		87		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1562255-2 WG1562255-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		71		21-120
Phenol-d6	61		59		10-120
Nitrobenzene-d5	94		89		23-120
2-Fluorobiphenyl	95		91		15-120
2,4,6-Tribromophenol	126	Q	120		10-120
4-Terphenyl-d14	122		118		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562256-2 WG1562256-3								
Acenaphthene	65		81		37-111	22		30
1,2,4-Trichlorobenzene	58		73		39-98	23		30
Hexachlorobenzene	62		78		40-140	23		30
Bis(2-chloroethyl)ether	64		80		40-140	22		30
2-Chloronaphthalene	56		71		40-140	24		30
1,2-Dichlorobenzene	60		75		40-140	22		30
1,3-Dichlorobenzene	59		76		40-140	25		30
1,4-Dichlorobenzene	61		76		36-97	22		30
3,3'-Dichlorobenzidine	58		76		40-140	27		30
2,4-Dinitrotoluene	72		90		48-143	22		30
2,6-Dinitrotoluene	61		78		40-140	24		30
Fluoranthene	59		72		40-140	20		30
4-Chlorophenyl phenyl ether	60		72		40-140	18		30
4-Bromophenyl phenyl ether	61		74		40-140	19		30
Bis(2-chloroisopropyl)ether	52		67		40-140	25		30
Bis(2-chloroethoxy)methane	69		88		40-140	24		30
Hexachlorobutadiene	49		62		40-140	23		30
Hexachlorocyclopentadiene	49		63		40-140	25		30
Hexachloroethane	65		84		40-140	26		30
Isophorone	62		80		40-140	25		30
Naphthalene	60		77		40-140	25		30
Nitrobenzene	70		89		40-140	24		30
NDPA/DPA	61		76		40-140	22		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562256-2 WG1562256-3								
n-Nitrosodi-n-propylamine	66		83		29-132	23		30
Bis(2-ethylhexyl)phthalate	88		109		40-140	21		30
Butyl benzyl phthalate	66		84		40-140	24		30
Di-n-butylphthalate	70		86		40-140	21		30
Di-n-octylphthalate	82		100		40-140	20		30
Diethyl phthalate	68		82		40-140	19		30
Dimethyl phthalate	56		70		40-140	22		30
Benzo(a)anthracene	70		87		40-140	22		30
Benzo(a)pyrene	73		89		40-140	20		30
Benzo(b)fluoranthene	72		86		40-140	18		30
Benzo(k)fluoranthene	73		89		40-140	20		30
Chrysene	69		85		40-140	21		30
Acenaphthylene	55		70		45-123	24		30
Anthracene	66		84		40-140	24		30
Benzo(ghi)perylene	79		93		40-140	16		30
Fluorene	65		79		40-140	19		30
Phenanthrene	65		82		40-140	23		30
Dibenzo(a,h)anthracene	79		94		40-140	17		30
Indeno(1,2,3-cd)pyrene	69		84		40-140	20		30
Pyrene	58		70		26-127	19		30
Biphenyl	56		71		40-140	24		30
4-Chloroaniline	46		56		40-140	20		30
2-Nitroaniline	65		85		52-143	27		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562256-2 WG1562256-3								
3-Nitroaniline	65		84		25-145	26		30
4-Nitroaniline	67		84		51-143	23		30
Dibenzofuran	63		77		40-140	20		30
2-Methylnaphthalene	56		71		40-140	24		30
1,2,4,5-Tetrachlorobenzene	51		65		2-134	24		30
Acetophenone	63		80		39-129	24		30
2,4,6-Trichlorophenol	54		71		30-130	27		30
p-Chloro-m-cresol	63		81		23-97	25		30
2-Chlorophenol	68		87		27-123	25		30
2,4-Dichlorophenol	61		79		30-130	26		30
2,4-Dimethylphenol	63		82		30-130	26		30
2-Nitrophenol	80		106		30-130	28		30
4-Nitrophenol	66		86	Q	10-80	26		30
2,4-Dinitrophenol	69		76		20-130	10		30
4,6-Dinitro-o-cresol	76		89		20-164	16		30
Pentachlorophenol	53		64		9-103	19		30
Phenol	47		61		12-110	26		30
2-Methylphenol	61		81		30-130	28		30
3-Methylphenol/4-Methylphenol	67		87		30-130	26		30
2,4,5-Trichlorophenol	54		66		30-130	20		30
Benzoic Acid	44		42		10-164	5		30
Benzyl Alcohol	59		77		26-116	26		30
Carbazole	65		81		55-144	22		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVENUE

Lab Number: L2157396

Project Number: 94-01 SUTPHIN BLVD

Report Date: 10/27/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1562256-2 WG1562256-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	57		73		21-120
Phenol-d6	43		57		10-120
Nitrobenzene-d5	71		90		23-120
2-Fluorobiphenyl	50		64		15-120
2,4,6-Tribromophenol	68		85		10-120
4-Terphenyl-d14	56		68		41-149

Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2157396-01A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-01B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-01C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-01D	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2157396-01E	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2157396-02A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-02B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-02C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-02D	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2157396-02E	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2157396-03A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-03B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-03C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2157396-03D	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2157396-03E	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
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GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

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.

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'.

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.

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.)

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 Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 94-01 SUTPHIN AVENUE**Lab Number:** L2157396**Project Number:** 94-01 SUTPHIN BLVD**Report Date:** 10/27/21**Data Qualifiers**

- 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: 94-01 SUTPHIN AVENUE
Project Number: 94-01 SUTPHIN BLVD

Lab Number: L2157396
Report Date: 10/27/21

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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

NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		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 of		Date Rec'd in Lab 10/21/21		ALPHA Job # L2157 396																																																																																																			
		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: 94-01 Sutphin Avenue, Project Location: 94-01 Sutphin Avenue, Jamaica, NY Project # (Use Project name as Project #) <input checked="" type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input type="checkbox"/> Same as Client Info PO #																																																																																																			
Client Information Client: Tecon Env LLC Address: 121 Walker suite 202, 1000 NY NY 10001 Phone: 646 606 2332 Fax: Email: mahmed@tecon-env.com		Project Manager: M. Ahmed ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Rush (only if pre approved) <input type="checkbox"/> Due Date: # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																					
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>S7396 01</td> <td>TW-1</td> <td>10/20/21</td> <td>0920</td> <td>GW</td> <td>HPL</td> </tr> <tr> <td>02</td> <td>TW-2</td> <td>10/20/21</td> <td>0830</td> <td>GW</td> <td>HPL</td> </tr> <tr> <td>03</td> <td>TW-3</td> <td>10/20/21</td> <td>1030</td> <td>GW</td> <td>HPL</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection				Sample Matrix	Sampler's Initials	Date	Time	S7396 01	TW-1	10/20/21	0920	GW	HPL	02	TW-2	10/20/21	0830	GW	HPL	03	TW-3	10/20/21	1030	GW	HPL																																																																														
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015 Container Type: V A Preservative: B A		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.)																																																																																																					
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ANALYTICAL REPORT

Lab Number:	L2157397
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	94-01 SUTPHIN AVE
Project Number:	Not Specified
Report Date:	10/28/21

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2157397-01	SV-1	SOIL_VAPOR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:06	10/20/21
L2157397-02	SV-2	SOIL_VAPOR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:09	10/20/21
L2157397-03	SV-3	SOIL_VAPOR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:00	10/20/21
L2157397-04	SV-4	SOIL_VAPOR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:02	10/20/21
L2157397-05	SV-5	SOIL_VAPOR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:05	10/20/21
L2157397-06	SV-6	SOIL_VAPOR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:04	10/20/21
L2157397-07	AA	AIR	94-01 SUTPHIN AVE, JAMAICA, NY	10/20/21 10:01	10/20/21

Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

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: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21


Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 20, 2021. The canister certification results are provided as an addendum.

L2157397-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 10/28/21

AIR

Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-01
 Client ID: SV-1
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:06
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 16:56
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.546	0.200	--	2.70	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.202	0.200	--	0.447	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.27	5.00	--	9.93	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	44.3	1.00	--	105	2.38	--		1
Trichlorofluoromethane	1.89	0.200	--	10.6	1.12	--		1
Isopropanol	1.86	0.500	--	4.57	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	5.81	0.500	--	17.6	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.310	0.200	--	0.965	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	6.22	0.500	--	18.3	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-01
 Client ID: SV-1
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:06
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.350	0.200	--	1.71	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.58	0.200	--	9.09	0.705	--		1
1,1,1-Trichloroethane	1.20	0.200	--	6.55	1.09	--		1
Benzene	0.663	0.200	--	2.12	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.386	0.200	--	2.07	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.33	0.200	--	5.45	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	5.79	0.200	--	21.8	0.754	--		1
2-Hexanone	0.684	0.200	--	2.80	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	2.91	0.200	--	19.7	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.307	0.200	--	1.33	0.869	--		1



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-01
 Client ID: SV-1
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:06
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.942	0.400	--	4.09	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.309	0.200	--	1.34	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.505	0.200	--	2.48	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.429	0.200	--	2.58	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	103		60-140



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-02
 Client ID: SV-2
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:09
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 17:36
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.09	0.200	--	5.39	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.496	0.200	--	1.10	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	35.4	1.00	--	84.1	2.38	--		1
Trichlorofluoromethane	23.0	0.200	--	129	1.12	--		1
Isopropanol	1.62	0.500	--	3.98	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	4.56	0.500	--	13.8	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	8.99	0.200	--	28.0	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	5.72	0.500	--	16.9	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-02

Date Collected: 10/20/21 10:09

Client ID: SV-2

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.62	0.200	--	7.91	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.48	0.200	--	5.22	0.705	--		1
1,1,1-Trichloroethane	0.889	0.200	--	4.85	1.09	--		1
Benzene	0.927	0.200	--	2.96	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	4.72	0.200	--	16.2	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.737	0.200	--	3.96	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.663	0.200	--	2.72	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.03	0.200	--	7.65	0.754	--		1
2-Hexanone	0.510	0.200	--	2.09	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	3.44	0.200	--	23.3	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.419	0.200	--	1.82	0.869	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-02

Date Collected: 10/20/21 10:09

Client ID: SV-2

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.42	0.400	--	6.17	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.440	0.200	--	1.91	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.498	0.200	--	2.45	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.341	0.200	--	2.05	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	110		60-140



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-03
 Client ID: SV-3
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:00
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 18:15
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.90	0.200	--	9.40	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	26.9	1.00	--	63.9	2.38	--		1
Trichlorofluoromethane	21.1	0.200	--	119	1.12	--		1
Isopropanol	1.71	0.500	--	4.20	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	2.81	0.500	--	8.52	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.201	0.200	--	0.626	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	6.63	0.500	--	19.6	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-03
 Client ID: SV-3
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:00
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	20.7	0.200	--	101	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.262	0.200	--	0.923	0.705	--		1
1,1,1-Trichloroethane	1.89	0.200	--	10.3	1.09	--		1
Benzene	0.213	0.200	--	0.680	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.29	0.200	--	6.93	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.272	0.200	--	1.11	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.962	0.200	--	3.63	0.754	--		1
2-Hexanone	0.467	0.200	--	1.91	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	18.5	0.200	--	125	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-03

Date Collected: 10/20/21 10:00

Client ID: SV-3

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.564	0.400	--	2.45	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.226	0.200	--	0.982	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.515	0.200	--	2.53	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.370	0.200	--	2.22	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	108		60-140



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-04
 Client ID: SV-4
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:02
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 19:35
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	5.91	0.200	--	29.2	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.50	5.00	--	14.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	65.7	1.00	--	156	2.38	--		1
Trichlorofluoromethane	17.9	0.200	--	101	1.12	--		1
Isopropanol	3.10	0.500	--	7.62	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	7.13	0.500	--	21.6	1.52	--		1
Methylene chloride	1.08	0.500	--	3.75	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.769	0.200	--	2.39	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.57	0.500	--	13.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-04
 Client ID: SV-4
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:02
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.407	0.200	--	1.99	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.685	0.200	--	2.41	0.705	--		1
1,1,1-Trichloroethane	1.10	0.200	--	6.00	1.09	--		1
Benzene	0.799	0.200	--	2.55	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.523	0.200	--	1.80	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.788	0.200	--	4.23	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.392	0.200	--	1.61	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	46.2	0.200	--	174	0.754	--		1
2-Hexanone	0.392	0.200	--	1.61	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	4.37	0.200	--	29.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.576	0.200	--	2.50	0.869	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-04

Date Collected: 10/20/21 10:02

Client ID: SV-4

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.21	0.400	--	5.26	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.403	0.200	--	1.75	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.662	0.200	--	3.25	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.462	0.200	--	2.78	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	113		60-140
Bromochloromethane	115		60-140
chlorobenzene-d5	117		60-140



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-05
 Client ID: SV-5
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:05
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 20:15
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.10	0.200	--	5.44	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.79	0.200	--	3.96	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	20.8	5.00	--	39.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	107	1.00	--	254	2.38	--		1
Trichlorofluoromethane	16.3	0.200	--	91.6	1.12	--		1
Isopropanol	4.86	0.500	--	11.9	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	10.4	0.500	--	31.5	1.52	--		1
Methylene chloride	1.26	0.500	--	4.38	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	5.88	0.200	--	18.3	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	7.27	0.500	--	21.4	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-05
 Client ID: SV-5
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:05
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.487	0.200	--	2.38	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.07	0.200	--	7.30	0.705	--		1
1,1,1-Trichloroethane	1.46	0.200	--	7.97	1.09	--		1
Benzene	2.55	0.200	--	8.15	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.44	0.200	--	8.40	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.801	0.200	--	4.30	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.65	0.200	--	6.76	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	68.4	0.200	--	258	0.754	--		1
2-Hexanone	0.222	0.200	--	0.910	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	3.69	0.200	--	25.0	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.610	0.200	--	2.65	0.869	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-05

Date Collected: 10/20/21 10:05

Client ID: SV-5

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.63	0.400	--	7.08	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.654	0.200	--	2.84	0.869	--		1
4-Ethyltoluene	0.253	0.200	--	1.24	0.983	--		1
1,3,5-Trimethylbenzene	0.312	0.200	--	1.53	0.983	--		1
1,2,4-Trimethylbenzene	0.889	0.200	--	4.37	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.340	0.200	--	2.04	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	125		60-140
Bromochloromethane	126		60-140
chlorobenzene-d5	124		60-140



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-06 D
 Client ID: SV-6
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:04
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 20:54
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	13.5	0.238	--	66.8	1.18	--		1.19
Chloromethane	ND	0.238	--	ND	0.491	--		1.19
Freon-114	ND	0.238	--	ND	1.66	--		1.19
Vinyl chloride	ND	0.238	--	ND	0.608	--		1.19
1,3-Butadiene	ND	0.238	--	ND	0.527	--		1.19
Bromomethane	ND	0.238	--	ND	0.924	--		1.19
Chloroethane	ND	0.238	--	ND	0.628	--		1.19
Ethanol	ND	5.95	--	ND	11.2	--		1.19
Vinyl bromide	ND	0.238	--	ND	1.04	--		1.19
Acetone	37.2	1.19	--	88.4	2.83	--		1.19
Trichlorofluoromethane	2.50	0.238	--	14.0	1.34	--		1.19
Isopropanol	2.20	0.595	--	5.41	1.46	--		1.19
1,1-Dichloroethene	ND	0.238	--	ND	0.944	--		1.19
Tertiary butyl Alcohol	5.27	0.595	--	16.0	1.80	--		1.19
Methylene chloride	ND	0.595	--	ND	2.07	--		1.19
3-Chloropropene	ND	0.238	--	ND	0.745	--		1.19
Carbon disulfide	0.294	0.238	--	0.916	0.741	--		1.19
Freon-113	ND	0.238	--	ND	1.82	--		1.19
trans-1,2-Dichloroethene	ND	0.238	--	ND	0.944	--		1.19
1,1-Dichloroethane	ND	0.238	--	ND	0.963	--		1.19
Methyl tert butyl ether	ND	0.238	--	ND	0.858	--		1.19
2-Butanone	4.81	0.595	--	14.2	1.75	--		1.19
cis-1,2-Dichloroethene	ND	0.238	--	ND	0.944	--		1.19



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-06 D
 Client ID: SV-6
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:04
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.595	--	ND	2.14	--		1.19
Chloroform	ND	0.238	--	ND	1.16	--		1.19
Tetrahydrofuran	ND	0.595	--	ND	1.75	--		1.19
1,2-Dichloroethane	ND	0.238	--	ND	0.963	--		1.19
n-Hexane	0.302	0.238	--	1.06	0.839	--		1.19
1,1,1-Trichloroethane	0.424	0.238	--	2.31	1.30	--		1.19
Benzene	0.471	0.238	--	1.50	0.760	--		1.19
Carbon tetrachloride	ND	0.238	--	ND	1.50	--		1.19
Cyclohexane	ND	0.238	--	ND	0.819	--		1.19
1,2-Dichloropropane	ND	0.238	--	ND	1.10	--		1.19
Bromodichloromethane	ND	0.238	--	ND	1.59	--		1.19
1,4-Dioxane	ND	0.238	--	ND	0.858	--		1.19
Trichloroethene	ND	0.238	--	ND	1.28	--		1.19
2,2,4-Trimethylpentane	ND	0.238	--	ND	1.11	--		1.19
Heptane	0.381	0.238	--	1.56	0.975	--		1.19
cis-1,3-Dichloropropene	ND	0.238	--	ND	1.08	--		1.19
4-Methyl-2-pentanone	ND	0.595	--	ND	2.44	--		1.19
trans-1,3-Dichloropropene	ND	0.238	--	ND	1.08	--		1.19
1,1,2-Trichloroethane	ND	0.238	--	ND	1.30	--		1.19
Toluene	70.7	0.238	--	266	0.897	--		1.19
2-Hexanone	0.495	0.238	--	2.03	0.975	--		1.19
Dibromochloromethane	ND	0.238	--	ND	2.03	--		1.19
1,2-Dibromoethane	ND	0.238	--	ND	1.83	--		1.19
Tetrachloroethene	3.84	0.238	--	26.0	1.61	--		1.19
Chlorobenzene	ND	0.238	--	ND	1.10	--		1.19
Ethylbenzene	0.399	0.238	--	1.73	1.03	--		1.19



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-06 D
 Client ID: SV-6
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:04
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.31	0.476	--	5.69	2.07	--		1.19
Bromoform	ND	0.238	--	ND	2.46	--		1.19
Styrene	ND	0.238	--	ND	1.01	--		1.19
1,1,2,2-Tetrachloroethane	ND	0.238	--	ND	1.63	--		1.19
o-Xylene	0.626	0.238	--	2.72	1.03	--		1.19
4-Ethyltoluene	ND	0.238	--	ND	1.17	--		1.19
1,3,5-Trimethylbenzene	ND	0.238	--	ND	1.17	--		1.19
1,2,4-Trimethylbenzene	0.544	0.238	--	2.67	1.17	--		1.19
Benzyl chloride	ND	0.238	--	ND	1.23	--		1.19
1,3-Dichlorobenzene	ND	0.238	--	ND	1.43	--		1.19
1,4-Dichlorobenzene	0.393	0.238	--	2.36	1.43	--		1.19
1,2-Dichlorobenzene	ND	0.238	--	ND	1.43	--		1.19
1,2,4-Trichlorobenzene	ND	0.238	--	ND	1.77	--		1.19
Hexachlorobutadiene	ND	0.238	--	ND	2.54	--		1.19

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	126		60-140
Bromochloromethane	129		60-140
chlorobenzene-d5	122		60-140



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-07
 Client ID: AA
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:01
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 10/27/21 16:16
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.383	0.200	--	1.89	0.989	--		1
Chloromethane	0.455	0.200	--	0.940	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	9.89	5.00	--	18.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.88	1.00	--	9.22	2.38	--		1
Trichlorofluoromethane	0.211	0.200	--	1.19	1.12	--		1
Isopropanol	1.50	0.500	--	3.69	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.598	0.500	--	1.76	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

SAMPLE RESULTS

Lab ID: L2157397-07
 Client ID: AA
 Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Date Collected: 10/20/21 10:01
 Date Received: 10/20/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.325	0.200	--	1.15	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.325	0.200	--	1.04	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.201	0.200	--	0.939	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.967	0.200	--	3.64	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**SAMPLE RESULTS**

Lab ID: L2157397-07

Date Collected: 10/20/21 10:01

Client ID: AA

Date Received: 10/20/21

Sample Location: 94-01 SUTPHIN AVE, JAMAICA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.436	0.400	--	1.89	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	99		60-140



Project Name: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/27/21 14:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG1563911-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/27/21 14:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG1563911-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/27/21 14:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG1563911-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG1563911-3								
Dichlorodifluoromethane	75		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	80		-		70-130	-		
Vinyl chloride	88		-		70-130	-		
1,3-Butadiene	87		-		70-130	-		
Bromomethane	91		-		70-130	-		
Chloroethane	88		-		70-130	-		
Ethanol	90		-		40-160	-		
Vinyl bromide	96		-		70-130	-		
Acetone	83		-		40-160	-		
Trichlorofluoromethane	86		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	80		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	89		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	93		-		70-130	-		
Methyl tert butyl ether	88		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG1563911-3								
Ethyl Acetate	98		-		70-130	-		
Chloroform	90		-		70-130	-		
Tetrahydrofuran	101		-		70-130	-		
1,2-Dichloroethane	85		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	85		-		70-130	-		
Carbon tetrachloride	85		-		70-130	-		
Cyclohexane	98		-		70-130	-		
1,2-Dichloropropane	103		-		70-130	-		
Bromodichloromethane	94		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	107		-		70-130	-		
2,2,4-Trimethylpentane	101		-		70-130	-		
Heptane	111		-		70-130	-		
cis-1,3-Dichloropropene	98		-		70-130	-		
4-Methyl-2-pentanone	115		-		70-130	-		
trans-1,3-Dichloropropene	82		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	115		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG1563911-3								
Tetrachloroethene	108		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	107		-		70-130	-		
p/m-Xylene	108		-		70-130	-		
Bromoform	105		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	99		-		70-130	-		
1,3,5-Trimethylbenzene	112		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
1,2-Dichlorobenzene	103		-		70-130	-		
1,2,4-Trichlorobenzene	120		-		70-130	-		
Hexachlorobutadiene	108		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVE

Project Number: Not Specified

Lab Number: L2157397

Report Date: 10/28/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1563911-5 QC Sample: L2157397-03 Client ID: SV-3						
Dichlorodifluoromethane	1.90	1.88	ppbV	1		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	26.9	25.5	ppbV	5		25
Trichlorofluoromethane	21.1	20.4	ppbV	3		25
Isopropanol	1.71	1.65	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	2.81	2.80	ppbV	0		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.201	0.200	ppbV	0		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVE

Project Number: Not Specified

Lab Number: L2157397

Report Date: 10/28/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1563911-5 QC Sample: L2157397-03 Client ID: SV-3						
2-Butanone	6.63	6.52	ppbV	2		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	20.7	20.2	ppbV	2		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.262	0.252	ppbV	4		25
1,1,1-Trichloroethane	1.89	1.87	ppbV	1		25
Benzene	0.213	0.207	ppbV	3		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	1.29	1.27	ppbV	2		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.272	0.273	ppbV	0		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 94-01 SUTPHIN AVE

Project Number: Not Specified

Lab Number: L2157397

Report Date: 10/28/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1563911-5 QC Sample: L2157397-03 Client ID: SV-3						
Toluene	0.962	0.939	ppbV	2		25
2-Hexanone	0.467	0.441	ppbV	6		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	18.5	18.0	ppbV	3		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	0.564	0.544	ppbV	4		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.226	0.218	ppbV	4		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.515	0.504	ppbV	2		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	0.370	0.359	ppbV	3		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 94-01 SUTPHIN AVE

Serial_No:10282113:42
 Lab Number: L2157397

Project Number:

Report Date: 10/28/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2157397-01	SV-1	02092	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	18.3	2
L2157397-01	SV-1	1740	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.4	-5.6	-	-	-	-
L2157397-02	SV-2	02099	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	18.3	2
L2157397-02	SV-2	477	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.3	-5.8	-	-	-	-
L2157397-03	SV-3	01793	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	17.6	2
L2157397-03	SV-3	2438	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.4	-1.6	-	-	-	-
L2157397-04	SV-4	0797	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	17.5	3
L2157397-04	SV-4	553	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.2	-2.6	-	-	-	-
L2157397-05	SV-5	01479	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	18.3	2
L2157397-05	SV-5	1720	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.4	-3.6	-	-	-	-
L2157397-06	SV-6	02098	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	17.7	2
L2157397-06	SV-6	366	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.4	-3.0	-	-	-	-
L2157397-07	AA	01388	Flow 3	10/20/21	367633		-	-	-	Pass	18.0	20.8	14
L2157397-07	AA	475	2.7L Can	10/20/21	367633	L2156443-05	Pass	-29.4	0.0	-	-	-	-



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 10/15/21 19:30
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	87		60-140



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 10/15/21 19:30
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



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

Lab Number: L2156443
Report Date: 10/28/21

Air Canister Certification Results

Lab ID: L2156443-05
 Client ID: CAN 324 SHELF 7
 Sample Location:

Date Collected: 10/15/21 07:00
 Date Received: 10/15/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2157397-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2157397-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2157397-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2157397-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2157397-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2157397-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2157397-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

GLOSSARY

Acronyms

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

Report Format: Data Usability Report



Project Name: 94-01 SUTPHIN AVE**Lab Number:** L2157397**Project Number:** Not Specified**Report Date:** 10/28/21**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.

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'.

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.

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.)

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: 94-01 SUTPHIN AVE
Project Number: Not Specified

Lab Number: L2157397
Report Date: 10/28/21

Data Qualifiers

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: 94-01 SUTPHIN AVE

Lab Number: L2157397

Project Number: Not Specified

Report Date: 10/28/21

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Client Information

Client: Seven Env LLC
 Address: 121 W 74th St, Suite 702
NY NY 10001
 Phone: 646 206 2332
 Fax:
 Email: mahmed@seven-env.com

Project Information

Project Name: 94-01 Sulphur Ave
 Project Location: 94-01 Sulphur Ave, Jamaica, NY
 Project #:
 Project Manager: M. Ahmed
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Date Rec'd in Lab: 10/21/21

Report Information - Data Deliverables

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

ALPHA Job #: L2157397

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID -	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH <small>Subtract Non-Hydrocarbon HCs</small>	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												
57397-01	SV-1	10/20	0802	1006	-30.25	-6.31	SV	HPL	2.7L	1740	02029	X						
02	SV-2	10/20	0806	1009	-30.14	-6.31	SV	HPL	2.7L	477	02099	X						
03	SV-3	10/20	0746	1000	-30.09	-1.65	SV	HPL	2.7L	2439	01793	X						
04	SV-4	10/20	0748	1002	-30.17	-3.21	SV	HPL	2.7L	553	0797	X						
05	SV-5	10/20	0755	1005	30.13	-3.42	SV	HPL	2.7L	1720	01479	X						
06	SV-6	10/20	0752	1004	-30.13	-3.42	SV	HPL	2.7L	366	02088	X						
07	AA	10/20	0807	1011	-29.85	-1.15	AA	HPL	2.7L	475	01388	X						

*SAMPLE MATRIX CODES

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

Container Type CS

Relinquished By: [Signature] Date/Time: 10/20/21 13:40
 Received By: [Signature] Date/Time: 10/21/21 00:39

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