

## **TABLES**

**Table 1**  
**Sample Summary**  
**Limited Subsurface Investigation**  
**12 Franklin Street**  
**Brooklyn, New York**  
**Langan Project No. 170467101**

Sample No.	Location	Sample ID	Depth / Screened Interval (feet bsg)	Sample Date	Rationale	Analysis
<b>SOIL SAMPLING</b>						
1	EB01	EB01_0-2	0-2	5/30/2018	Fill	Part 375/TCL VOCs, SVOCs, pesticides, PCBs, TAL metals, hexavalent chromium and total cyanide
2		EB01_6-7	6-7		Groundwater Interface	
3		EB01_11-12	11-12		Staining, odor, elevated PID readings, fill	
4	EB02	EB02_1-2	1-2	5/30/2018	Fill	
5		EB02_7-8	7-8	Groundwater Interface		
6	EB03	EB03_0-1	0-1	5/30/2018	Staining, odor, elevated PID readings, groundwater interface, fill	
7		EB03_8-9	8-9	Clean endpoint		
8	EB04	EB04_6-8	6-8	5/30/2018	Groundwater Interface	
9		EB04_11-12	11-12	Staining, odor, elevated PID readings, fill		
10	EB05	EB05_1-3	1-3	5/30/2018	Fill	
11		EB05_7-8	7-8	Groundwater Interface		
12	EB06	EB06_0-1	0-1	5/30/2018	Fill	
13		EB06_5-6	5-6		Staining, odor, elevated PID readings, groundwater interface, fill	
14		EB06_11-12	11-12		Staining, odor, elevated PID readings	
<b>GROUNDWATER SAMPLING</b>						
1	MW01	MW01_053018	6 to 16	5/30/2018	Groundwater	Part 375/TCL VOCs, SVOCs, PCBs, TAL dissolved metals and total cyanide
2	MW02	MW02_053018	2 to 12	5/30/2018	Groundwater	
3	MW03	MW03_053018	0 to 7	5/30/2018	Groundwater	
<b>SUB-SLAB VAPOR SAMPLING</b>						
1	SSV01	SSV01_053018	0.5	5/30/2018	Sub-slab vapor	VOCs by USEPA Method TO-15
2	SSV02	SSV02_053018	0.5	5/30/2018	Sub-slab vapor	
3	SSV03	SSV03_053018	0.5	5/30/2018	Sub-slab vapor	

**Notes:**

1. bsg = below sidewalk grade
2. Part 375 = Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) New York State Department of Environmental Conservation (NYSDEC) Part 375.
3. PID = Photoionization detector reading
4. PCB = Polychlorinated Biphenyl
5. SVOC = Semivolatile Organic Compound
6. TAL = Target Analyte List
7. TCL = Target Compound List
8. VOC = Volatile Organic Compound







**Table 3A**  
**Groundwater Sample Analytical Results - VOCs**  
**Limited Subsurface Investigation**  
**12 Franklin Street**  
**Brooklyn, New York**  
**Langan Project No. 170467101**

Sample Location Sample ID Sample Date Laboratory Sample ID Screened Interval (feet bgs)	NYSDEC TOGS Class GA SGVs	MW01	MW02	MW03
		MW01_053018 5/30/2018 L1819838-15 6 to 16	MW02_053018 5/30/2018 L1819838-16 2 to 12	MW03_053018 5/30/2018 L1819838-17 0 to 7
<b>Volatile Organic Compounds (µg/L)</b>				
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	0.81 J	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	2 U	2 U	<b>12</b>
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.17 J	0.5 U
1,2-Dichloroethene, Total	~	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene, Total	~	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U
1,4-Dioxane	~	250 U	250 U	250 U
2,2-Dichloropropane	5	2.5 U	2.5 U	2.5 U
2-Butanone	50	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U
4-Methyl-2-pentanone	~	5 U	5 U	5 U
Acetone	50	2.9 J	5 U	2.3 J
Acrylonitrile	5	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.68
Bromobenzene	5	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U
Bromoform	50	2 U	2 U	2 U
Bromomethane	5	2.5 U	2.5 U	2.5 U
Carbon disulfide	60	5 U	5 U	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	2.5 U	<b>13</b>
Chloroform	7	2.5 U	2.5 U	2.5 U
Chloromethane	~	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U
Ethyl ether	~	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	2.5 U	2.5 U	3.2
Methyl tert butyl ether	10	2.5 U	2.5 U	1 J
Methylene chloride	5	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	2.5 U	2.5 U	3
n-Propylbenzene	5	2.5 U	2.5 U	<b>5.9</b>
Naphthalene	10	2.5 U	2.5 U	<b>50</b>
o-Chlorotoluene	5	2.5 U	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	0.74 J
p-Chlorotoluene	5	2.5 U	2.5 U	2.5 U
p-Diethylbenzene	~	2 U	2 U	2.3
p-Ethyltoluene	~	2 U	2 U	2 U
p-Isopropyltoluene	5	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	2.5 U	2.5 U	1.6 J
sec-Butylbenzene	5	2.5 U	2.5 U	3.3
Styrene	5	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U
Toluene	5	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	5	2.5 U	2.5 U	2.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	2.5 U	2.5 U	2.5 U
Vinyl acetate	~	5 U	5 U	5 U
Vinyl chloride	2	1 U	0.1 J	0.27 J
Xylenes, Total	~	2.5 U	2.5 U	2.3 J

**Notes:**

- Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Water.
- Samples exceeding the Class GA SGVs are bolded and shaded.
- Non-detected compounds with Reporting Limits (RL) above the Class GA SGVs are in italics.
- µg/L = micrograms per liter
- ~ = Criterion does not exist for this compound.
- VOC = Volatile Organic Compound

**Qualifiers:**

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

**Table 3B**  
**Groundwater Sample Analytical Results - SVOCs, PCBs Dissolved Metals and Total Cyanide**  
**Limited Subsurface Investigation**  
**12 Franklin Street**  
**Brooklyn, New York**  
**Langan Project No. 170467101**

Sample Location Sample ID Sample Date Laboratory Sample ID Screened Interval (feet bgs)	NYSDEC TOGS Class GA SGVs	MW01	MW02	MW03
		MW01_053018 5/30/2018 L1819838-15 6 to 16	MW02_053018 5/30/2018 L1819838-16 2 to 12	MW03_053018 5/30/2018 L1819838-17 0 to 7
<b>Semivolatile Organic Compounds (µg/L)</b>				
1,2,4,5-Tetrachlorobenzene	5	9.5 U	9.6 U	9.9 U
1,2,4-Trichlorobenzene	5	4.8 U	4.8 U	4.9 U
1,2-Dichlorobenzene	3	1.9 U	1.9 U	2 U
1,3-Dichlorobenzene	3	1.9 U	1.9 U	2 U
1,4-Dichlorobenzene	3	1.9 U	1.9 U	2 U
2,4,5-Trichlorophenol	~	4.8 U	4.8 U	4.9 U
2,4,6-Trichlorophenol	~	4.8 U	4.8 U	4.9 U
2,4-Dichlorophenol	1	4.8 U	4.8 U	4.9 U
2,4-Dimethylphenol	50	4.8 U	4.8 U	4.9 U
2,4-Dinitrophenol	10	19 U	19 U	20 U
2,4-Dinitrotoluene	5	4.8 U	4.8 U	4.9 U
2,6-Dinitrotoluene	5	4.8 U	4.8 U	4.9 U
2-Chloronaphthalene	10	0.19 U	0.19 U	0.2 U
2-Chlorophenol	~	1.9 U	1.9 U	2 U
2-Methylnaphthalene	~	0.1 U	0.1 U	38
2-Methylphenol	~	4.8 U	4.8 U	4.9 U
2-Nitroaniline	5	4.8 U	4.8 U	4.9 U
2-Nitrophenol	~	9.5 U	9.6 U	9.9 U
3,3'-Dichlorobenzidine	5	4.8 U	4.8 U	4.9 U
3-Methylphenol/4-Methylphenol	~	4.8 U	4.8 U	4.9 U
3-Nitroaniline	5	4.8 U	4.8 U	4.9 U
4,6-Dinitro-o-cresol	~	9.5 U	9.6 U	9.9 U
4-Bromophenyl phenyl ether	~	1.9 U	1.9 U	2 U
4-Chloroaniline	5	4.8 U	4.8 U	4.9 U
4-Chlorophenyl phenyl ether	~	1.9 U	1.9 U	2 U
4-Nitroaniline	5	4.8 U	4.8 U	4.9 U
4-Nitrophenol	~	9.5 U	9.6 U	9.9 U
Acenaphthene	20	0.22 U	0.1 U	2.3
Acenaphthylene	~	0.1 U	0.1 U	0.68
Acetophenone	~	4.8 U	4.8 U	4.9 U
Anthracene	50	0.16	0.1 U	0.38
Benzo(a)anthracene	0.002	<b>0.04</b> J	0.1 U	0.1 U
Benzo(a)pyrene	0	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	0.002	0.1 U	0.1 U	0.1 U
Benzo(ghi)perylene	~	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	0.002	0.1 U	0.1 U	0.1 U
Benzoic Acid	~	48 U	48 U	49 U
Benzyl Alcohol	~	1.9 U	1.9 U	2 U
Biphenyl	~	1.9 U	1.9 U	2 U
Bis(2-chloroethoxy)methane	5	4.8 U	4.8 U	4.9 U
Bis(2-chloroethyl)ether	1	1.9 U	1.9 U	2 U
Bis(2-chloroisopropyl)ether	5	1.9 U	1.9 U	2 U
Bis(2-ethylhexyl)phthalate	5	2.8 U	2.9 U	3 U
Butyl benzyl phthalate	50	4.8 U	4.8 U	4.9 U
Carbazole	~	1.9 U	1.9 U	0.68 J
Chrysene	0.002	<b>0.04</b> J	0.1 U	0.1 U
Dibenzo(a,h)anthracene	~	0.1 U	0.1 U	0.1 U
Dibenzofuran	~	1.9 U	1.9 U	1.9 J
Diethyl phthalate	50	4.8 U	4.8 U	4.9 U
Dimethyl phthalate	50	4.8 U	4.8 U	4.9 U
Di-n-butylphthalate	50	4.8 U	4.8 U	4.9 U
Di-n-octylphthalate	50	4.8 U	4.8 U	4.9 U
Fluoranthene	50	0.27 U	0.1 U	0.1 U
Fluorene	50	0.28 U	0.1 U	4.3
Hexachlorobenzene	0.04	0.76 U	0.77 U	0.79 U
Hexachlorobutadiene	0.5	0.48 U	0.48 U	0.49 U
Hexachlorocyclopentadiene	5	19 U	19 U	20 U
Hexachloroethane	5	0.76 U	0.77 U	0.79 U
Indeno(1,2,3-cd)pyrene	0.002	0.1 U	0.1 U	0.1 U
Isophorone	50	4.8 U	4.8 U	4.9 U
Naphthalene	10	0.1 U	0.1 U	<b>12</b>
NDPA/DPA	50	1.9 U	1.9 U	2 U
Nitrobenzene	0.4	1.9 U	1.9 U	2 U
n-Nitrosodi-n-propylamine	~	4.8 U	4.8 U	4.9 U
p-Chloro-m-cresol	~	1.9 U	1.9 U	2 U
Pentachlorophenol	1	0.76 U	0.77 U	0.79 U
Phenanthrene	50	0.12 U	0.1 U	6.4
Phenol	1	4.8 U	4.8 U	4.9 U
Pyrene	50	0.22 U	0.1 U	0.39
<b>Polychlorinated Biphenyls (µg/L)</b>				
Aroclor 1016	~	0.083 U	0.083 U	0.083 U
Aroclor 1221	~	0.083 U	0.083 U	0.083 U
Aroclor 1232	~	0.083 U	0.083 U	0.083 U
Aroclor 1242	~	0.083 U	0.083 U	0.083 U
Aroclor 1248	~	0.083 U	0.083 U	0.083 U
Aroclor 1254	~	0.083 U	0.083 U	0.083 U
Aroclor 1260	~	0.083 U	0.083 U	0.083 U
Aroclor 1262	~	0.083 U	0.083 U	0.083 U
Aroclor 1268	~	0.083 U	0.083 U	0.083 U
PCBs, Total	0.09	0.083 U	0.083 U	0.083 U
<b>Dissolved Metals (µg/L)</b>				
Aluminum	~	25.2	10.2	8.63 J
Antimony	3	0.74 J	0.83 J	0.48 J
Arsenic	25	7.1	1.18	2.1
Barium	1000	176.5	354.4	120.2
Beryllium	3	0.5 U	0.5 U	0.5 U
Cadmium	5	0.2 U	0.2 U	0.2 U
Calcium	~	66400	137000	104000
Chromium	50	1 U	0.33 J	1.05
Cobalt	~	0.74	0.31 J	0.17 J
Copper	200	0.45 J	1 U	0.42 J
Iron	300	<b>933</b>	<b>29900</b>	<b>6040</b>
Lead	25	1 U	1 U	1 U
Magnesium	35000	9880	26500	<b>44800</b>
Manganese	300	232.9	<b>399.5</b>	<b>1153</b>
Mercury	0.7	0.2 U	0.2 U	0.2 U
Nickel	100	1.34 J	2 U	2 U
Potassium	~	12800	47300	143000
Selenium	10	5 U	5 U	5 U
Silver	50	0.4 U	0.4 U	0.4 U
Sodium	20000	<b>275000</b>	<b>160000</b>	<b>278000</b>
Thallium	0.5	0.5 U	0.5 U	0.5 U
Vanadium	~	2.25 J	5 U	5 U
Zinc	2000	7.98 J	10 U	4.44 J
<b>Total Cyanide (µg/L)</b>				
Cyanide, Total	200	5 U	5 U	5 U

**Notes:**

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- Samples exceeding the Class GA SGVs are bolded and shaded.
- Non-detected compounds with Reporting Limits (RL) above the Class GA SGVs are in italics.
- µg/L = micrograms per liter
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- SVOC = Semivolatile Organic Compound
- PCB = Polychlorinated Biphenyl

**Qualifiers:**

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

**Table 4**  
**Sub-slab Vapor Sample Analytical Results**  
**Limited Subsurface Investigation**  
**12 Franklin Street**  
**Brooklyn, New York**  
**Langan Project No. 170467101**

Sample Location Sample ID Sample Date Laboratory Sample ID	NYSDOH Soil Vapor/Indoor Air Decision Matrices	SSV01		SSV02		SSV03	
		SSV01_053018 5/30/2018 L1819907-01		SSV02_053018 5/30/2018 L1819907-02		SSV03_053018 5/30/2018 L1819907-03	
<b>Volatile Organic Compounds (µg/m<sup>3</sup>)</b>							
1,1,1-Trichloroethane	100	2.18	U	<b>4220</b>		<b>3610</b>	
1,1,2,2-Tetrachloroethane	~	2.75	U	13.7	U	13.7	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	3.07	U	15.3	U	15.3	U
1,1,2-Trichloroethane	~	2.18	U	10.9	U	10.9	U
1,1-Dichloroethane	~	1.62	U	37.5		24.6	
1,1-Dichloroethene	6	1.59	U	7.93	U	5.75	
1,2,4-Trichlorobenzene	~	2.97	U	14.8	U	14.8	U
1,2,4-Trimethylbenzene	~	2.51		9.83	U	9.83	U
1,2-Dibromoethane	~	3.07	U	15.4	U	15.4	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	~	2.8	U	14	U	14	U
1,2-Dichlorobenzene	~	2.4	U	12	U	12	U
1,2-Dichloroethane	~	1.62	U	8.09	U	8.09	U
1,2-Dichloropropane	~	1.85	U	9.24	U	9.24	U
1,3,5-Trimethylbenzene	~	1.97	U	9.83	U	9.83	U
1,3-Butadiene	~	0.885	U	22.3		15.3	
1,3-Dichlorobenzene	~	2.4	U	12	U	12	U
1,4-Dichlorobenzene	~	2.4	U	12	U	12	U
1,4-Dioxane	~	1.44	U	7.21	U	7.21	U
2,2,4-Trimethylpentane	~	1.87	U	9.34	U	9.34	U
2-Butanone	~	372		236		333	
2-Hexanone	~	130		73.4		137	
3-Chloropropene	~	1.25	U	6.26	U	6.26	U
4-Ethyltoluene	~	1.97	U	9.83	U	9.83	U
4-Methyl-2-pentanone	~	4.1	U	20.5	U	20.5	U
Acetone	~	1100		898		1210	
Benzene	~	1.94		12.8		25.7	
Benzyl chloride	~	2.07	U	10.4	U	10.4	U
Bromodichloromethane	~	2.68	U	13.4	U	13.4	U
Bromoform	~	4.14	U	20.7	U	20.7	U
Bromomethane	~	1.55	U	7.77	U	7.77	U
Carbon disulfide	~	3.06		26.7		63.8	
Carbon tetrachloride	6	2.52	U	<b>15.1</b>		<b>150</b>	
Chlorobenzene	~	1.84	U	9.21	U	9.21	U
Chloroethane	~	1.06	U	5.28	U	5.28	U
Chloroform	~	168		68.9		58.1	
Chloromethane	~	0.826	U	4.13	U	4.13	U
cis-1,2-Dichloroethene	6	1.59	U	7.93	U	7.93	U
cis-1,3-Dichloropropene	~	1.82	U	9.08	U	9.08	U
Cyclohexane	~	21.3		11.3		22.1	
Dibromochloromethane	~	3.41	U	17	U	17	U
Dichlorodifluoromethane	~	1.98	U	9.89	U	9.89	U
Ethyl Acetate	~	3.6	U	18	U	18	U
Ethyl Alcohol	~	148		226		403	
Ethylbenzene	~	1.89		8.69	U	8.69	U
Heptane	~	68		22.5		39.3	
Hexachlorobutadiene	~	4.27	U	21.3	U	21.3	U
iso-Propyl Alcohol	~	13.2		344		47.7	
Methyl tert butyl ether	~	1.44	U	7.21	U	7.21	U
Methylene chloride	100	3.47	U	17.4	U	17.4	U
n-Hexane	~	17		22		64.5	
o-Xylene	~	2.99		8.69	U	8.69	U
p/m-Xylene	~	6.73		17.4	U	17.4	U
Styrene	~	1.7	U	8.52	U	8.52	U
tert-Butyl Alcohol	~	42.4		92.8		34.3	
Tetrachloroethene	100	21.8		2.92		<b>187</b>	
Tetrahydrofuran	~	2.95	U	14.7	U	14.7	U
Toluene	~	5.95		12.7		19.2	
trans-1,2-Dichloroethene	~	1.59	U	7.93	U	7.93	U
trans-1,3-Dichloropropene	~	1.82	U	9.08	U	9.08	U
Trichloroethene	6	2.15	U	10.7	U	<b>6.72</b>	
Trichlorofluoromethane	~	2.25	U	11.2	U	11.2	U
Vinyl bromide	~	1.75	U	8.74	U	8.74	U
Vinyl chloride	60	1.02	U	5.11	U	5.11	U
<b>Total VOCs (µg/m<sup>3</sup>)</b>	~	2126.77		6344.92		6457.07	

**Notes:**

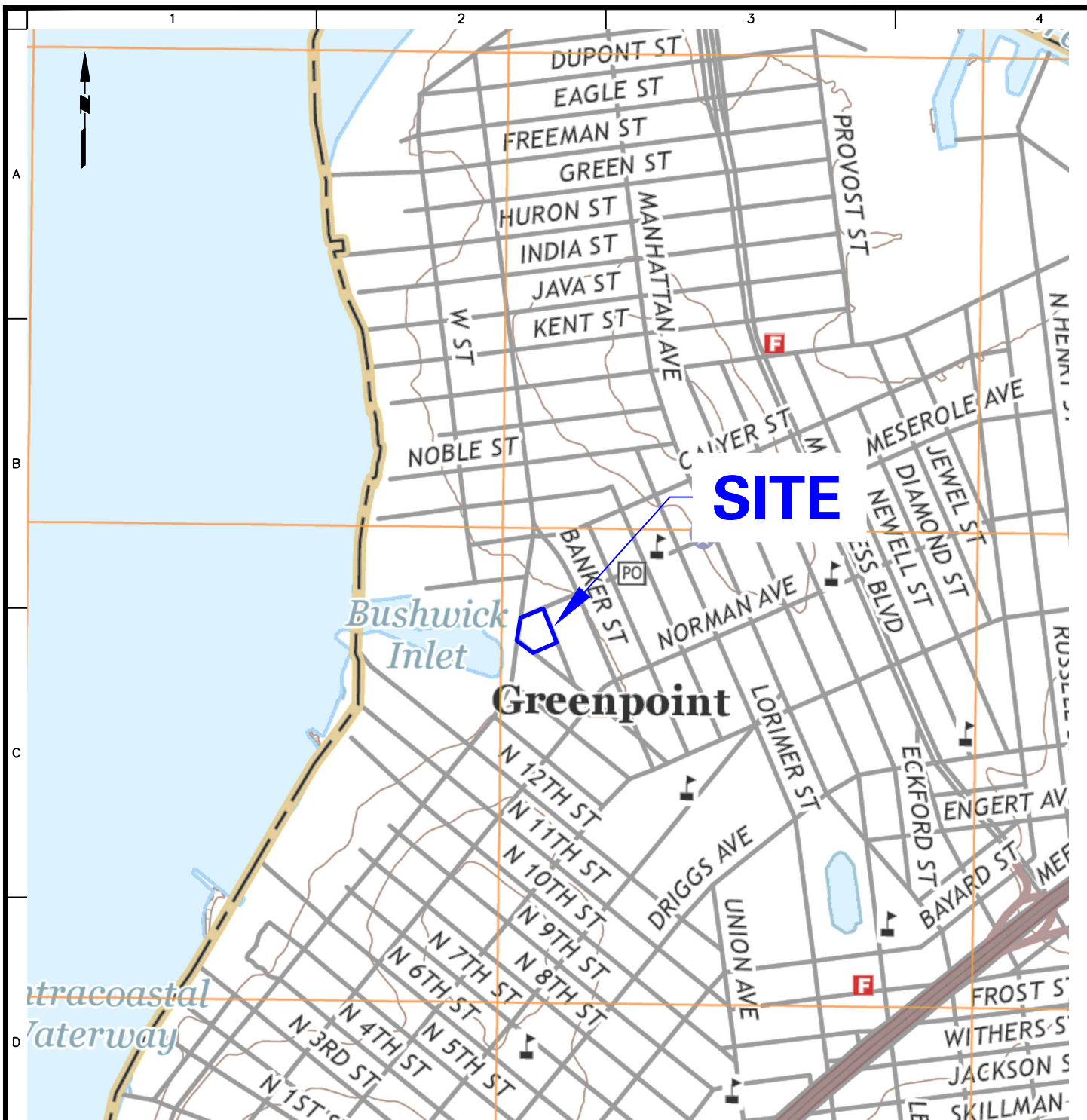
1. Sub-slab vapor sample analytical results are compared to the New York State Department of Health (NYSDOH) Soil Vapor/Indoor Air Decision Matrices established by the October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates
2. Results exceeding minimum NYSDOH Soil Vapor/Indoor Air Decision Matrices soil vapor concentrations requiring mitigation are bolded and shaded.
3. Non-detected compounds with Reporting Limits (RL) above the NYSDOH AGVs are in italics
4. µg/m<sup>3</sup> = microgram per cubic meter
5. VOC = Volatile Organic Compounds

**Qualifiers:**

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

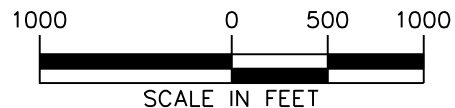


## **FIGURES**



**NOTES:**

1. BASE MAP IS REFERENCED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE SERIES TOPOGRAPHICAL MAPS, JERSEY CITY AND BROOKLYN QUADRANGLES, DATED 2016.



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BLOCK No. 2614, LOT No. 3  
BROOKLYN

KINGS COUNTY

Figure Title

**SITE LOCATION  
MAP**

NEW YORK

Project No.  
170467101

Date  
06/05/2018

Scale  
1" = 1000'

Drawn By  
KG

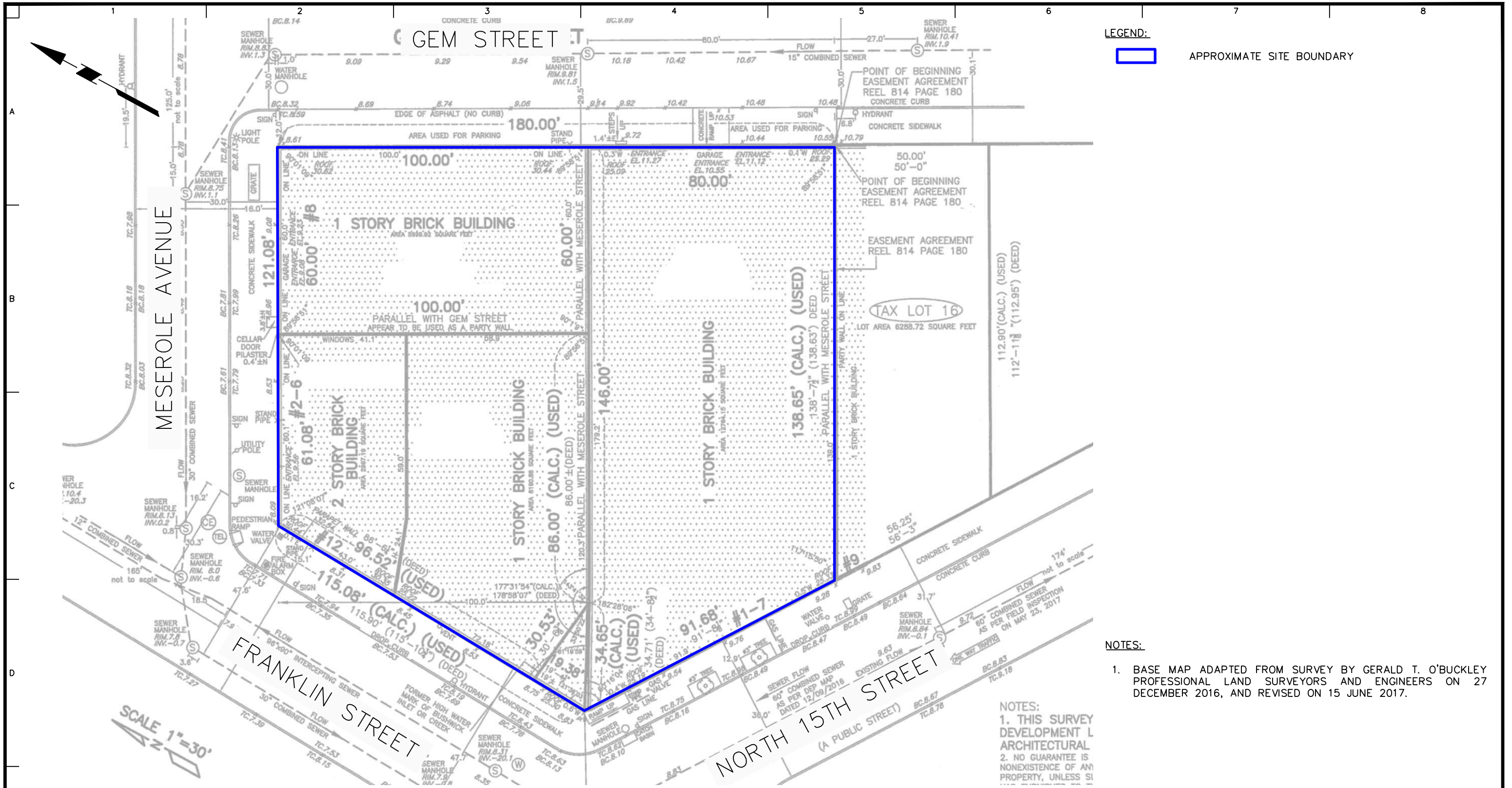
Checked By

Submission Date

Figure No.

**1**

Sheet 1 of 6



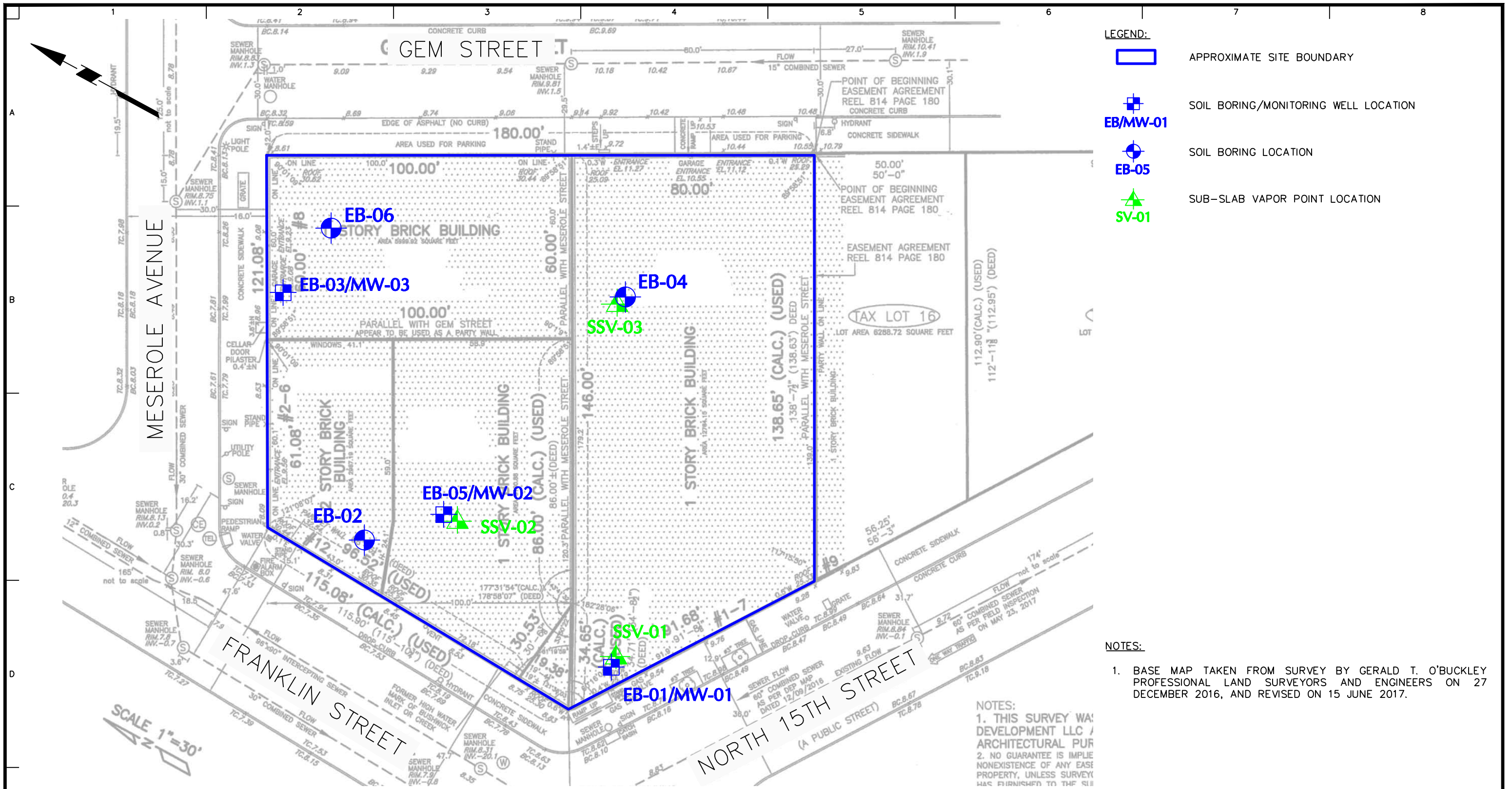
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**KINGS COUNTY NEW YORK**

Figure Title  
**SITE PLAN**

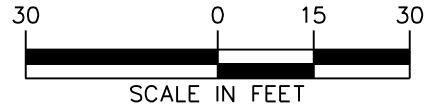
Project No. 170467101	Figure No.
Date 06/05/2018	2
Scale 1" = 30'	
Drawn By KG	Checked By
Submission Date	Sheet 2 of 6



- LEGEND:**
- APPROXIMATE SITE BOUNDARY
  - ⊕ SOIL BORING/MONITORING WELL LOCATION
  - ⊙ SOIL BORING LOCATION
  - ▲ SUB-SLAB VAPOR POINT LOCATION

- NOTES:**
1. BASE MAP TAKEN FROM SURVEY BY GERALD T. O'BUCKLEY PROFESSIONAL LAND SURVEYORS AND ENGINEERS ON 27 DECEMBER 2016, AND REVISED ON 15 JUNE 2017.

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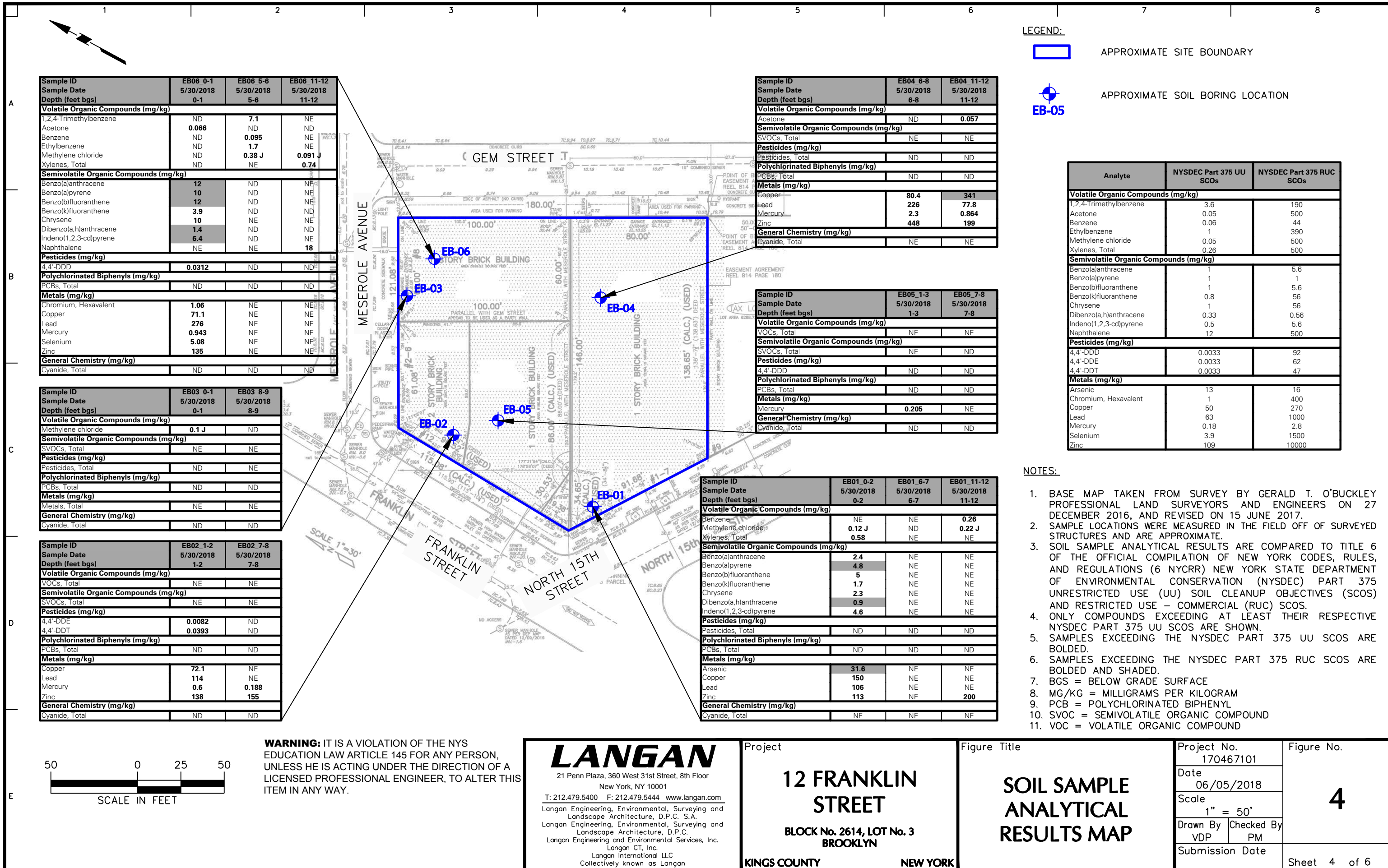


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Figure Title  
**SAMPLE LOCATION PLAN**

Project No. 170467101	Figure No.
Date 06/05/2018	<b>3</b>
Scale 1" = 30'	
Drawn By KG	Checked By
Submission Date	Sheet 3 of 6



**LEGEND:**



APPROXIMATE SITE BOUNDARY



APPROXIMATE SOIL BORING LOCATION

Sample ID	EB06 0-1	EB06 5-6	EB06 11-12
Sample Date	5/30/2018	5/30/2018	5/30/2018
Depth (feet bgs)	0-1	5-6	11-12
<b>Volatile Organic Compounds (mg/kg)</b>			
1,2,4-Trimethylbenzene	ND	7.1	NE
Acetone	0.066	ND	ND
Benzene	ND	0.095	NE
Ethylbenzene	ND	1.7	NE
Methylene chloride	ND	0.38 J	0.091 J
Xylenes, Total	ND	NE	0.74
<b>Semivolatile Organic Compounds (mg/kg)</b>			
Benzo(a)anthracene	12	ND	NE
Benzo(a)pyrene	10	ND	NE
Benzo(b)fluoranthene	12	ND	NE
Benzo(k)fluoranthene	3.9	ND	ND
Chrysene	10	NE	NE
Dibenzo(a,h)anthracene	1.4	ND	ND
Indeno(1,2,3-cd)pyrene	6.4	ND	NE
Naphthalene	NE	NE	18
<b>Pesticides (mg/kg)</b>			
4,4'-DDD	0.0312	ND	ND
<b>Polychlorinated Biphenyls (mg/kg)</b>			
PCBs, Total	ND	ND	ND
<b>Metals (mg/kg)</b>			
Chromium, Hexavalent	1.06	NE	NE
Copper	71.1	NE	NE
Lead	276	NE	NE
Mercury	0.943	NE	NE
Selenium	5.08	NE	NE
Zinc	135	NE	NE
<b>General Chemistry (mg/kg)</b>			
Cyanide, Total	ND	ND	ND

Sample ID	EB04 6-8	EB04 11-12
Sample Date	5/30/2018	5/30/2018
Depth (feet bgs)	6-8	11-12
<b>Volatile Organic Compounds (mg/kg)</b>		
Acetone	ND	0.057
<b>Semivolatile Organic Compounds (mg/kg)</b>		
SVOCs, Total	NE	NE
<b>Pesticides (mg/kg)</b>		
Pesticides, Total	ND	ND
<b>Polychlorinated Biphenyls (mg/kg)</b>		
PCBs, Total	ND	ND
<b>Metals (mg/kg)</b>		
Copper	80.4	341
Lead	226	77.8
Mercury	2.3	0.864
Zinc	448	199
<b>General Chemistry (mg/kg)</b>		
Cyanide, Total	NE	NE

Sample ID	EB05 1-3	EB05 7-8
Sample Date	5/30/2018	5/30/2018
Depth (feet bgs)	1-3	7-8
<b>Volatile Organic Compounds (mg/kg)</b>		
VOCs, Total	NE	NE
<b>Semivolatile Organic Compounds (mg/kg)</b>		
SVOCs, Total	NE	ND
<b>Pesticides (mg/kg)</b>		
4,4'-DDD	ND	ND
<b>Polychlorinated Biphenyls (mg/kg)</b>		
PCBs, Total	ND	ND
<b>Metals (mg/kg)</b>		
Mercury	0.205	NE
<b>General Chemistry (mg/kg)</b>		
Cyanide, Total	ND	ND

Sample ID	EB03 0-1	EB03 8-9
Sample Date	5/30/2018	5/30/2018
Depth (feet bgs)	0-1	8-9
<b>Volatile Organic Compounds (mg/kg)</b>		
Methylene chloride	0.1 J	ND
<b>Semivolatile Organic Compounds (mg/kg)</b>		
SVOCs, Total	NE	NE
<b>Pesticides (mg/kg)</b>		
Pesticides, Total	ND	NE
<b>Polychlorinated Biphenyls (mg/kg)</b>		
PCBs, Total	ND	ND
<b>Metals (mg/kg)</b>		
Metals, Total	NE	NE
<b>General Chemistry (mg/kg)</b>		
Cyanide, Total	ND	ND

Sample ID	EB02 1-2	EB02 7-8
Sample Date	5/30/2018	5/30/2018
Depth (feet bgs)	1-2	7-8
<b>Volatile Organic Compounds (mg/kg)</b>		
VOCs, Total	NE	NE
<b>Semivolatile Organic Compounds (mg/kg)</b>		
SVOCs, Total	NE	NE
<b>Pesticides (mg/kg)</b>		
4,4'-DDE	0.0082	ND
4,4'-DDT	0.0393	ND
<b>Polychlorinated Biphenyls (mg/kg)</b>		
PCBs, Total	ND	ND
<b>Metals (mg/kg)</b>		
Copper	72.1	NE
Lead	114	NE
Mercury	0.6	0.188
Zinc	138	155
<b>General Chemistry (mg/kg)</b>		
Cyanide, Total	ND	ND

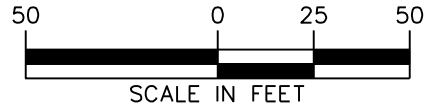
Sample ID	EB01 0-2	EB01 6-7	EB01 11-12
Sample Date	5/30/2018	5/30/2018	5/30/2018
Depth (feet bgs)	0-2	6-7	11-12
<b>Volatile Organic Compounds (mg/kg)</b>			
Benzene	NE	NE	0.26
Methylene chloride	0.12 J	ND	0.22 J
Xylenes, Total	0.58	NE	NE
<b>Semivolatile Organic Compounds (mg/kg)</b>			
Benzo(a)anthracene	2.4	NE	NE
Benzo(a)pyrene	4.8	NE	NE
Benzo(b)fluoranthene	5	NE	NE
Benzo(k)fluoranthene	1.7	NE	NE
Chrysene	2.3	NE	NE
Dibenzo(a,h)anthracene	0.9	NE	NE
Indeno(1,2,3-cd)pyrene	4.6	NE	NE
<b>Pesticides (mg/kg)</b>			
Pesticides, Total	ND	ND	ND
<b>Polychlorinated Biphenyls (mg/kg)</b>			
PCBs, Total	ND	ND	ND
<b>Metals (mg/kg)</b>			
Arsenic	31.6	NE	NE
Copper	150	NE	NE
Lead	106	NE	NE
Zinc	113	NE	200
<b>General Chemistry (mg/kg)</b>			
Cyanide, Total	NE	NE	NE

Analyte	NYSDEC Part 375 UU SCOs	NYSDEC Part 375 RUC SCOs
<b>Volatile Organic Compounds (mg/kg)</b>		
1,2,4-Trimethylbenzene	3.6	190
Acetone	0.05	500
Benzene	0.06	44
Ethylbenzene	1	390
Methylene chloride	0.05	500
Xylenes, Total	0.26	500
<b>Semivolatile Organic Compounds (mg/kg)</b>		
Benzo(a)anthracene	1	5.6
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	5.6
Benzo(k)fluoranthene	0.8	56
Chrysene	1	56
Dibenzo(a,h)anthracene	0.33	0.56
Indeno(1,2,3-cd)pyrene	0.5	5.6
Naphthalene	12	500
<b>Pesticides (mg/kg)</b>		
4,4'-DDD	0.0033	92
4,4'-DDE	0.0033	62
4,4'-DDT	0.0033	47
<b>Metals (mg/kg)</b>		
Arsenic	13	16
Chromium, Hexavalent	1	400
Copper	50	270
Lead	63	1000
Mercury	0.18	2.8
Selenium	3.9	1500
Zinc	109	10000

**NOTES:**

- BASE MAP TAKEN FROM SURVEY BY GERALD T. O'BUCKLEY PROFESSIONAL LAND SURVEYORS AND ENGINEERS ON 27 DECEMBER 2016, AND REVISED ON 15 JUNE 2017.
- SAMPLE LOCATIONS WERE MEASURED IN THE FIELD OFF OF SURVEYED STRUCTURES AND ARE APPROXIMATE.
- SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (6 NYCRR) NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) PART 375 UNRESTRICTED USE (UU) SOIL CLEANUP OBJECTIVES (SCOs) AND RESTRICTED USE - COMMERCIAL (RUC) SCOs.
- ONLY COMPOUNDS EXCEEDING AT LEAST THEIR RESPECTIVE NYSDEC PART 375 UU SCOs ARE SHOWN.
- SAMPLES EXCEEDING THE NYSDEC PART 375 UU SCOs ARE BOLDED.
- SAMPLES EXCEEDING THE NYSDEC PART 375 RUC SCOs ARE BOLDED AND SHADED.
- BGS = BELOW GRADE SURFACE
- MG/KG = MILLIGRAMS PER KILOGRAM
- PCB = POLYCHLORINATED BIPHENYL
- SVOC = SEMIVOLATILE ORGANIC COMPOUND
- VOC = VOLATILE ORGANIC COMPOUND

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Figure Title  
**SOIL SAMPLE ANALYTICAL RESULTS MAP**

Project No. 170467101	Figure No. <b>4</b>
Date 06/05/2018	
Scale 1" = 50'	
Drawn By VDP	Checked By PM
Submission Date	
Sheet 4 of 6	

**LEGEND:**

 APPROXIMATE SITE BOUNDARY

 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION

**MW-01**

<b>Sample ID</b>	MW03_053018
<b>Sample Date</b>	5/30/2018
<b>Volatile Organic Compounds (µg/L)</b>	
1,2,4,5-Tetramethylbenzene	12
Chloroethane	13
n-Propylbenzene	5.9
Naphthalene	50
<b>Semivolatile Organic Compounds (µg/L)</b>	
Naphthalene	12
<b>Polychlorinated Biphenyls (µg/L)</b>	
PCBs, Total	ND
<b>Dissolved Metals (µg/L)</b>	
Iron	6040
Magnesium	44800
Manganese	1153
Sodium	278000
<b>General Chemistry (µg/L)</b>	
Cyanide, Total	ND

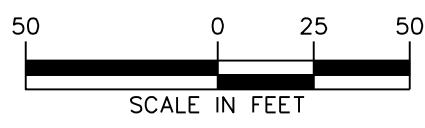
Analyte	NYSDEC TOGS Class GA SGVs
<b>Volatile Organic Compounds (µg/L)</b>	
1,2,4,5-Tetramethylbenzene	5
Chloroethane	5
n-Propylbenzene	5
Naphthalene	10
<b>Semivolatile Organic Compounds (µg/L)</b>	
Benzo(a)anthracene	0.002
Chrysene	0.002
Naphthalene	10
<b>Dissolved Metals (µg/L)</b>	
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000

<b>Sample ID</b>	MW02_053018
<b>Sample Date</b>	5/30/2018
<b>Volatile Organic Compounds (µg/L)</b>	
VOCs, Total	NE
<b>Semivolatile Organic Compounds (µg/L)</b>	
SVOCs, Total	ND
<b>Polychlorinated Biphenyls (µg/L)</b>	
PCBs, Total	ND
<b>Dissolved Metals (µg/L)</b>	
Iron	29900
Manganese	399.5
Sodium	160000
<b>General Chemistry (µg/L)</b>	
Cyanide, Total	ND

<b>Sample ID</b>	MW01_053018
<b>Sample Date</b>	5/30/2018
<b>Volatile Organic Compounds (µg/L)</b>	
VOCs, Total	NE
<b>Semivolatile Organic Compounds (µg/L)</b>	
Benzo(a)anthracene	<b>0.04 J</b>
Chrysene	<b>0.04 J</b>
<b>Polychlorinated Biphenyls (µg/L)</b>	
PCBs, Total	ND
<b>Dissolved Metals (µg/L)</b>	
Iron	<b>933</b>
Sodium	<b>275000</b>
<b>General Chemistry (µg/L)</b>	
Cyanide, Total	ND

- NOTES:**
1. BASE MAP ADAPTED FROM SURVEY BY GERALD T. O'BUCKLEY PROFESSIONAL LAND SURVEYORS AND ENGINEERS ON 27 DECEMBER 2016, AND REVISED ON 15 JUNE 2017.
  2. SAMPLE LOCATIONS WERE MEASURED IN THE FIELD OFF OF SURVEYED STRUCTURES AND ARE APPROXIMATE.
  3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGVS) FOR CLASS GA WATER.
  4. ONLY COMPOUNDS EXCEEDING THEIR RESPECTIVE CLASS GA SGVS ARE SHOWN.
  5. SAMPLES EXCEEDING THE CLASS GA SGVS ARE BOLDED AND SHADED.
  6. µG/L = MICROGRAMS PER LITER
  7. PCB = POLYCHLORINATED BIPHENYL
  8. SVOC = SEMIVOLATILE ORGANIC COMPOUND
  9. VOC = VOLATILE ORGANIC COMPOUND

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Figure Title  
**GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP**

Project No.	170467101	Figure No.	<b>5</b>
Date	06/05/2018		
Scale	1" = 50'		
Drawn By	VDP		
Submission Date		Sheet 5 of 6	

Sample ID	SSV03_053018
Sample Date	5/30/2018
<b>Volatile Organic Compounds (µg/m³)</b>	
1,1,1-Trichloroethane	<b>3610</b>
1,1-Dichloroethane	24.6
1,1-Dichloroethene	5.75
1,3-Butadiene	15.3
2-Butanone	333
2-Hexanone	137
Acetone	1210
Benzene	25.7
Carbon disulfide	63.8
Carbon tetrachloride	<b>150</b>
Chloroform	58.1
Cyclohexane	22.1
Ethyl Alcohol	403
Heptane	39.3
iso-Propyl Alcohol	47.7
n-Hexane	64.5
tert-Butyl Alcohol	34.3
Tetrachloroethene	<b>187</b>
Toluene	19.2
Trichloroethene	<b>6.72</b>
<b>Total VOCs (µg/m³)</b>	<b>6457.07</b>

**LEGEND:**

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOT BOUNDARY
- APPROXIMATE SUB-SLAB VAPOR POINT LOCATION

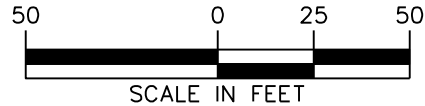
Analyte	NYSDOH Soil Vapor/Indoor Air Decision Matrices
1,1,1-Trichloroethane	100
1,1-Dichloroethane	6
Carbon tetrachloride	6
cis-1,2-Dichloroethene	6
Methylene chloride	100
Tetrachloroethene	100
Trichloroethene	6
Vinyl chloride	6

Sample ID	SSV01_053018
Sample Date	5/30/2018
<b>Volatile Organic Compounds (µg/m³)</b>	
1,2,4-Trimethylbenzene	2.51
2-Butanone	372
2-Hexanone	130
Acetone	1100
Benzene	1.94
Carbon disulfide	3.06
Chloroform	168
Cyclohexane	21.3
Ethyl Alcohol	148
Ethylbenzene	1.89
Heptane	68
iso-Propyl Alcohol	13.2
n-Hexane	17
o-Xylene	2.99
p/m-Xylene	6.73
tert-Butyl Alcohol	42.4
Tetrachloroethene	21.8
Toluene	5.95
<b>Total VOCs (µg/m³)</b>	<b>2126.77</b>

- NOTES:**
- BASE MAP ADAPTED FROM SURVEY BY GERALD T. O'BUCKLEY PROFESSIONAL LAND SURVEYORS AND ENGINEERS ON 27 DECEMBER 2016, AND REVISED ON 15 JUNE 2017.
  - SAMPLE LOCATIONS WERE MEASURED IN THE FIELD OFF OF SURVEYED STRUCTURES AND ARE APPROXIMATE.
  - SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) SOIL VAPOR/INDOOR AIR DECISION MATRICES ESTABLISHED BY THE OCTOBER 2006 GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK AND SUBSEQUENT UPDATES.
  - ONLY DETECTED COMPOUNDS ARE SHOWN.
  - SAMPLES EXCEEDING MINIMUM NYSDOH SOIL VAPOR/INDOOR AIR DECISION MATRICES SUB-SLAB VAPOR CONCENTRATIONS REQUIRING MITIGATION ARE BOLDED AND SHADED.
  - µG/M³ = MICROGRAMS PER CUBIC METER
  - VOC = VOLATILE ORGANIC COMPOUND

Sample ID	SSV02_053018
Sample Date	5/30/2018
<b>Volatile Organic Compounds (µg/m³)</b>	
1,1,1-Trichloroethane	<b>4220</b>
1,1-Dichloroethane	37.5
1,3-Butadiene	22.3
2-Butanone	236
2-Hexanone	73.4
Acetone	898
Benzene	12.8
Carbon disulfide	26.7
Carbon tetrachloride	<b>15.1</b>
Chloroform	68.9
Cyclohexane	11.3
Ethyl Alcohol	226
Heptane	22.5
iso-Propyl Alcohol	344
n-Hexane	22
tert-Butyl Alcohol	92.8
Tetrachloroethene	2.92
Toluene	12.7
<b>Total VOCs (µg/m³)</b>	<b>6344.92</b>

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Figure Title  
**SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS MAP**

Project No.	170467101	Figure No.	<b>6</b>
Date	06/05/2018		
Scale	1" = 50'	Sheet	6 of 6
Drawn By	VDP		
Checked By	PM		
Submission Date			

# **SOIL BORING LOGS**



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# LANGAN

Project 12 Franklin Street				Project No. 170467101			
Location Brooklyn, New York				Elevation and Datum NA			
Drilling Company AARCO Environmental Services, Corp.				Date Started 5/30/18		Date Finished 5/30/18	
Drilling Equipment Geoprobe 6610DT				Completion Depth 12 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 8		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Daybi Pacheco	
Sampler 4-foot Macrocore				Field Engineer Kevin Garrett			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. Bl/ft		
		6-inch Concrete slab	0						
		R1a (6-27") Loose, black, medium SAND, some fine sand, trace fine gravel, brick, coal ash (dry) (FILL)	1					0.0	AARCO begins drilling boring 11:55 Collect EB01_0-2
		R1b (27-30") Loose, light brown, fine SAND, some medium sand (dry) (FILL)	2	R1	MC	30/48	NA	0.0	
			3					0.0	
			4					0.0	
			5						
			6	R2	MC	26/48	NA	0.0	10:30 Collect EB01_6-7
		Medium dense, black, medium SAND, some fine SAND, trace fine gravel, silt, brick, slag, and coal ash (dry to wet) (FILL)	7					0.0	
			8					0.0	
			9						Observed water table at 8 feet below grade surface (bgs)
			10	R3	MC	13/48	NA		
		R3a (0-9") Loose, black, fine GRAVEL, medium sand, some fine SAND, slag, and wood (wet) (FILL)	11					262	10:25 Collect EB01_11-12 Petroleum-like odor observed
		R3b (9-13") Soft, black SILT, some fine sand (wet)	12					252	
		End of boring at 12 feet below grade surface	12						Borehole converted to monitoring well MW01. Bottom of well set at 15.6 feet bgs. See well construction log for details.
			13						
			14						
			15						
			16						

# LANGAN

Project 12 Franklin Street				Project No. 170467101			
Location Brooklyn, New York				Elevation and Datum NA			
Drilling Company AARCO Environmental Services, Corp.				Date Started 5/30/18		Date Finished 5/30/18	
Drilling Equipment Geoprobe 420M				Completion Depth 12 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples 4		Disturbed NA	Undisturbed NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 5.5		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Robert Cory	
Sampler 3-foot Macrocore				Field Engineer Elizabeth Adkins			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. Bl/ft	
		6-inch Concrete slab	0					
		R1a (6-8") Loose, light brown to black coal ash and slag (dry) (FILL)	1	R1	MC	18/36	NA	0.0
		R1b (8-13") Medium-dense, black fine SAND, trace fine gravel, with wood, and coal ash (dry) (FILL)	2					0.0
		R1c (13-18") Medium-dense, light brown, fine SAND, with coal, some clay, and silt (moist) (FILL)	3					0.0
		R2a (0-7") Medium-dense, light brown fine SAND, with coal slag, coal ash, brick, some clay, and silt, (moist) (FILL)	4	R2	MC	29/36	NA	0.0
		R2b (7-24") Dense, light reddish-brown CLAY, trace fine sand, silt, and fine gravel (wet)	5					0.0
			6					0.0
		R3a (0-7") Loose, light brown SILTY SAND (wet)	7	R3	MC	25/36	NA	0.0
		R3b (7-15") Dense, light grey to brown CLAY, trace silt (wet)	8					0.0
		R3c (15-25") Loose, light brown to grey SILTY SAND, trace clay (wet)	9					0.0
		No recovery	10	R4	MC	0/36	NA	
		End of boring at 12 feet below grade surface	12					
			13					
			14					
			15					
			16					

Borehole backfilled with soil cuttings and capped with concrete

# LANGAN

Project 12 Franklin Street				Project No. 170467101			
Location Brooklyn, New York				Elevation and Datum NA			
Drilling Company AARCO Environmental Services, Corp.				Date Started 5/30/18		Date Finished 5/30/18	
Drilling Equipment Geoprobe 420M				Completion Depth 9 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples 3		Disturbed NA	Undisturbed NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 1		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Robert Cory	
Sampler 3-foot Macrocore				Field Engineer Elizabeth Adkins			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. Bl/In		
	0	4-inch Concrete slab							10:15 AARCO begins drilling boring, located in cellar about 4.5 feet below sidewalk grade 11:10 Collect EB03_0-1 Observed water table at 1 foot below grade surface (bgs)          11:15 Collect EB02_8-9          Borehole converted to monitoring well MW03. Bottom of well set at 6.6 feet bgs. See well construction log for details.
	1	R1a (0-7") Medium-dense, light brown to grey, fine SAND, some silt, and clay (moist) R1b (7-9") Medium-dense, dark grey to black, fine SAND, some silt, trace clay (wet)	1	R1	MC	9/36	NA	2123 334.7 201.4	
	2		2						
	3	R2a (0-26") Medium-dense, grey to brown, fine SAND, some silt, trace clay, and fine gravel (wet) R2b (26-28") Medium-dense, black, fine SAND, some silt, trace clay (wet) R2c (28-36") Medium-dense, tan to brown to grey mottled, fine SAND, trace silt (wet)	3	R2	MC	34/36	NA	22.2 9.6 18.7	
	4		4						
	5		5					20.6 22.3	
	6	R3a (0-9") Medium-dense, tan to brown to grey mottled fine SAND, trace silt (wet) R3b (9-24") Medium-dense, tan to white to grey, medium SAND, trace silt, and fine gravel (wet)	6	R3	MC	34/36	NA	9.1 10.9 6.6	
	7		7						
	8	R3c (24-34") Medium-dense, grey SILT, some organic fibers, trace clay (wet)	8					8.7 5.5	
	9	End of boring at 9 feet below grade surface	9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

# LANGAN

Project 12 Franklin Street				Project No. 170467101			
Location Brooklyn, New York				Elevation and Datum NA			
Drilling Company AARCO Environmental Services, Corp.				Date Started 5/30/18		Date Finished 5/30/18	
Drilling Equipment Geoprobe 6610DT				Completion Depth 12 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples 3		Disturbed NA	Undisturbed NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 7.5		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Daybi Pacheco	
Sampler 4-foot Macrocore				Field Engineer Kevin Garrett			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. Bl/ft		
		7-inch Concrete slab	0						
		R1a (7-13") Loose, black, medium SAND, some fine gravel, fine sand, and slag (dry) (FILL)	1					0.0	AARCO begins drilling boring
		R1b (13-25") Dense, brown, fine SAND, some medium sand, trace fine gravel, and silt (dry) (FILL)	2	R1	MC	30/48	NA	0.4	
		R1c (25-30") Loose, black, medium SAND, some fine sand, trace fine gravel (dry) (FILL)	3					0.0	
			4					0.0	
		R2a (0-16") Loose, black, medium SAND, some fine sand, coal ash, and slag (dry) (FILL)	5						11:40 Collect EB04_6-8
		R2b (16-18") Soft, black SILT, some fine sand, trace fine gravel (wet) (FILL)	6	R2	MC	22/48	NA	0.0	
		R2c (18-22") BRICK (FILL)	7					0.0	
			8					0.0	Observed water table at 7.5 feet below grade surface (bgs)
			9						
		Loose, black, fine GRAVEL, some medium sand, fine sand, brick, and slag (wet) (FILL)	10	R3	MC	16/48	NA		11:30 Collect EB04_11-12 Petroleum-like odor observed
			11					281	
			12					151	Borehole backfilled with clean No. 2 sand and capped with concrete
		End of boring at 12 feet below grade surface	13						
			14						
			15						
			16						

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# LANGAN

Project 12 Franklin Street				Project No. 170467101			
Location Brooklyn, New York				Elevation and Datum NA			
Drilling Company AARCO Environmental Services, Corp.				Date Started 5/30/18		Date Finished 5/30/18	
Drilling Equipment Geoprobe 6610DT				Completion Depth 12 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples 3		Disturbed NA	Undisturbed NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 7.5		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Daybi Pacheco	
Sampler 4-foot Macrocore				Field Engineer Kevin Garrett			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. Bl/ft		
		6-inch Concrete slab	0						
		R1a (6-15") Loose, black, fine SAND, some medium sand, slag, and brick (dry) (FILL)	1					2.0	AARCO begins drilling boring 09:15 Collect EB01_1-3
		R1b (15-33") Firm, brown SILT, some fine sand, and fine gravel (dry) (FILL)	2	R1	MC	33/48	NA	0.0	
			3					0.0	
			4					0.0	
		R2a (0-7") Loose, brown, fine SAND, some silt, and medium sand, trace fine gravel, and brick (dry) (FILL)	5						
		R2b (7-15") Soft, olive SILT, some fine sand, trace clay (wet)	6	R2	MC	15/48	NA	0.0	09:20 Collect EB05_7-8 Observed water table at 7.5 feet below grade surface (bgs)
			7					0.0	
			8					0.0	
		R3a (0-17") Loose, dark grey, fine SAND, some silt (wet)	9						
		R3b (17-29") Loose, light brown, fine SAND, some silt, and fine gravel (wet)	10	R3	MC	37/48	NA	0.0	Borehole converted to monitoring well MW02. Bottom of well set at 12 feet bgs. See well construction log for details.
			11					0.0	
		R3c (29-37") Soft, brown SILT, some fine gravel, trace fine sand (wet)	12					0.0	
		End of boring at 12 feet below grade surface	13					0.0	
			14						
			15						
			16						

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# LANGAN

Project 12 Franklin Street				Project No. 170467101			
Location Brooklyn, New York				Elevation and Datum NA			
Drilling Company AARCO Environmental Services, Corp.				Date Started 5/30/18		Date Finished 5/30/18	
Drilling Equipment Geoprobe 420M				Completion Depth 12 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 4	Undisturbed NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 5		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Robert Cory	
Sampler 3-foot Macrocore				Field Engineer Elizabeth Adkins			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist Bl/ft		
		6-inch Concrete slab	0						
		R1a (6-12") Medium-dense, light brown, fine SAND, with coal, coal ash, and concrete, some fine gravel (dry) (FILL)	1	R1	MC	30/36	NA	0.0 9.0 4.8	08:45 AARCO begins drilling boring 09:35 Collect EB06_0-1
		R1b (12-30") Dense, brown, fine SAND, some clay, trace silt, trace fine gravel (dry)	2					2.6 10.2	
		R2a (0-8") Medium-dense, light grey to brown, fine SAND, some silt, trace fine gravel (moist)	3					30.3 3.8	
		R2b (8-21") Dense, light grey to brown, fine SAND, some silt, trace fine gravel, trace clay (wet)	4	R2	MC	21/36	NA	4096 892.5	
			5					4690 806.1	Petroleum-like odor and dark grey to black staining observed Observed water table at 5 feet below grade surface (bgs) 10:00 Collect EB06_5-6
			6						
			7						
			8	R3	MC	6/36	NA		
			9					733.3 162.7	
		Medium dense, light grey to brown SILTY SAND, some clay, trace fine gravel (wet)	10					885.6 754.6	
			11	R4	MC	28/36	NA	1929 294.1 51.5	Petroleum-like odor and staining observed 12:00 Collect EB06_11-12
			12						Borehole backfilled with clean No. 2 sand and capped with concrete
		End of boring at 12 feet below grade surface	13						
			14						
			15						
			16						

**MONITORING WELL CONSTRUCTION SUMMARY  
FORMS**

## MONITORING WELL CONSTRUCTION SUMMARY

Well No. MW01

<b>PROJECT</b>		<b>PROJECT NO.</b>																		
12 Franklin Street		170467101																		
<b>LOCATION</b>		<b>ELEVATION AND DATUM</b>																		
Brooklyn, New York		N/A																		
<b>DRILLING AGENCY</b>		<b>DATE STARTED</b>	<b>DATE FINISHED</b>																	
AARCO Environmental Services, Corp.		5/30/2018	5/30/2018																	
<b>DRILLING EQUIPMENT</b>		<b>DRILLER</b>																		
Geoprobe® 6610 DT		Daybi Pacheco																		
<b>SIZE AND TYPE OF BIT</b>		<b>INSPECTOR</b>																		
2-inch Direct Push		Kevin Garrett																		
<b>BOREHOLE DIAMETER</b>		<b>TYPE OF WELL (OVERBURDEN / BEDROCK)</b>																		
2-inches		Overburden																		
<b>RISER MATERIAL</b>	<b>DIAMETER</b>	<b>TYPE OF BACKFILL MATERIAL</b>																		
PVC	1-inch	No. 2 Sand																		
<b>TYPE OF SCREEN</b>	<b>DIAMETER</b>	<b>TYPE OF WELL PACK</b>	<b>TYPE OF SEAL MATERIAL</b>																	
PVC No. 20 Slot	1-inch	No. 2 Sand	Bentonite																	
<b>METHOD OF INSTALLATION</b>																				
Geoprobe® 6610DT was used to advance the boring to approximately 15.6 feet below grade surface (bgs). A one-inch (1") temporary PVC monitoring well was installed which consisted of 10 feet of 20 slot (0.020-inch) well screen, and 5.6 feet of a solid 1-inch PVC riser. Well screen was installed from approximately 15.6 to 5.6 feet bgs with riser from 5.6 feet bgs to surface. The well was pulled from the subsurface after sampling. The borehole was backfilled with clean No. 2 sand and capped with concrete.																				
<b>WELL DEVELOPMENT DATA</b>																				
<b>SURGE BLOCK DIAMETER</b>	N/A	<b>TYPE PUMP</b>	Peristaltic	<b>DEVELOPMENT CONFIRMATION</b>																
<b>DRILLER OR LANGAN</b>	Langan	<b>MAX PUMP RATE</b>	1 LPM	Well developed from 14:05-14:10 PM until purged groundwater was no longer turbid.																
<b>NUMBER OF SURGE CYCLES</b>	N/A	<b>TOTAL VOLUME</b>	1.25 gal																	
<b>TOP OF CASING</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%;">SUMMARY SOIL CLASSIFICATION</th> <th style="width: 20%;">DEPTH (FT)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: center;">0.0</td> </tr> <tr> <td></td> <td rowspan="3" style="text-align: center;">FILL</td> <td style="text-align: center;">1.0</td> </tr> <tr> <td></td> <td style="text-align: center;">5.0</td> </tr> <tr> <td></td> <td style="text-align: center;">5.6</td> </tr> <tr> <td></td> <td rowspan="4" style="text-align: center;">SILT</td> <td style="text-align: center;">15.6</td> </tr> </tbody> </table>		SUMMARY SOIL CLASSIFICATION	DEPTH (FT)			0.0		FILL	1.0		5.0		5.6		SILT	15.6
	SUMMARY SOIL CLASSIFICATION	DEPTH (FT)																		
		0.0																		
	FILL	1.0																		
		5.0																		
		5.6																		
	SILT	15.6																		
		N/A			0.0															
<b>TOP OF SEAL</b>		<b>ELEVATION</b>			<b>DEPTH (ft)</b>															
		N/A			1.0															
<b>TOP OF FILTER</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>																		
	N/A	5.0																		
<b>TOP OF SCREEN</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>																		
	N/A	5.6																		
<b>BOTTOM OF BORING</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>																		
	N/A	15.6																		
<b>SCREEN LENGTH (ft)</b>		10																		
<b>SLOT SIZE</b>	No. 20 Slot; 0.020 Inches																			
<b>GROUNDWATER ELEVATIONS</b>																				
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>																		
N/A	5/31/2018	8.20 ft																		
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>																		
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>																		
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<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>																		
<b>LANGAN Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.</b>																				
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York																				



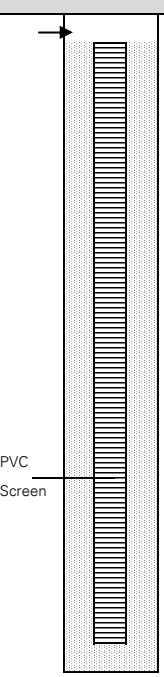
## MONITORING WELL CONSTRUCTION SUMMARY

Well No. MW02

<b>PROJECT</b>		<b>PROJECT NO.</b>	
12 Franklin Street		170467101	
<b>LOCATION</b>		<b>ELEVATION AND DATUM</b>	
Brooklyn, New York		N/A	
<b>DRILLING AGENCY</b>		<b>DATE STARTED</b>	<b>DATE FINISHED</b>
AARCO Environmental Services, Corp.		5/30/2018	5/30/2018
<b>DRILLING EQUIPMENT</b>		<b>DRILLER</b>	
Geoprobe® 6610 DT		Daybi Pacheco	
<b>SIZE AND TYPE OF BIT</b>		<b>INSPECTOR</b>	
2-inch Direct Push		Kevin Garrett	
<b>BOREHOLE DIAMETER</b>		<b>TYPE OF WELL (OVERBURDEN / BEDROCK)</b>	
2-inches		Overburden	
<b>RISER MATERIAL</b>	<b>DIAMETER</b>	<b>TYPE OF BACKFILL MATERIAL</b>	
PVC	1-inch	No. 2 Sand	
<b>TYPE OF SCREEN</b>	<b>DIAMETER</b>	<b>TYPE OF WELL PACK</b>	<b>TYPE OF SEAL MATERIAL</b>
PVC No. 20 Slot	1-inch	No. 2 Sand	Bentonite
<b>METHOD OF INSTALLATION</b>			
<p>Geoprobe® 6610DT was used to advance the boring to approximately 12 feet below grade surface (bgs). A one-inch (1") temporary PVC monitoring well was installed which consisted of 10 feet of 20 slot (0.020-inch) well screen, and 2 feet of a solid 1-inch PVC riser. Well screen was installed from approximately 12 to 2 feet bgs with riser from 2 feet bgs to surface. The well was pulled from the subsurface after sampling. The borehole was backfilled with clean No. 2 sand and capped with concrete.</p>			
<b>WELL DEVELOPMENT DATA</b>			
<b>SURGE BLOCK DIAMETER</b>	N/A	<b>TYPE PUMP</b>	Peristaltic
<b>DRILLER OR LANGAN</b>	Langan	<b>MAX PUMP RATE</b>	1 LPM
<b>NUMBER OF SURGE CYCLES</b>	N/A	<b>TOTAL VOLUME</b>	1.25 gal
<b>DEVELOPMENT CONFIRMATION</b>	Well developed from 12:30-12:35 PM until purged groundwater was no longer turbid.		
<b>TOP OF CASING</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>	
	N/A	0.0	
<b>TOP OF SEAL</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>	
	N/A	1.0	
<b>TOP OF FILTER</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>	
	N/A	1.5	
<b>TOP OF SCREEN</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>	
	N/A	2.0	
<b>BOTTOM OF BORING</b>	<b>ELEVATION</b>	<b>DEPTH (ft)</b>	
	N/A	12.0	
<b>SCREEN LENGTH (ft)</b>		10	
<b>SLOT SIZE</b>	No. 20 Slot; 0.020 Inches		
<b>GROUNDWATER ELEVATIONS</b>			
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>	SUMMARY SOIL CLASSIFICATION  FILL  SAND AND SILT
N/A	5/30/2018	7.30 ft	
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>	
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>	
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<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>	
<b>LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.</b>			
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York			

## MONITORING WELL CONSTRUCTION SUMMARY

Well No. MW03

<b>PROJECT</b> 12 Franklin Street		<b>PROJECT NO.</b> 170467101										
<b>LOCATION</b> Brooklyn, New York		<b>ELEVATION AND DATUM</b> N/A										
<b>DRILLING AGENCY</b> AARCO Environmental Services, Corp.		<b>DATE STARTED</b> 5/30/2018	<b>DATE FINISHED</b> 5/30/2018									
<b>DRILLING EQUIPMENT</b> Geoprobe® 420 M		<b>DRILLER</b> Robert Cory										
<b>SIZE AND TYPE OF BIT</b> 2-inch Direct Push		<b>INSPECTOR</b> Elizabeth Adkins										
<b>BOREHOLE DIAMETER</b> 2-inches		<b>TYPE OF WELL (OVERBURDEN / BEDROCK)</b> Overburden										
<b>RISER MATERIAL</b> PVC	<b>DIAMETER</b> 1-inch	<b>TYPE OF BACKFILL MATERIAL</b> No. 2 Sand										
<b>TYPE OF SCREEN</b> PVC No. 20 Slot	<b>DIAMETER</b> 1-inch	<b>TYPE OF WELL PACK</b> No. 2 Sand	<b>TYPE OF SEAL MATERIAL</b> Bentonite									
<b>METHOD OF INSTALLATION</b> Geoprobe®420M was used to advance the boring to approximately 6.6 feet below grade surface (bgs). A one-inch (1") temporary PVC monitoring well was installed which consisted of 6.6 feet of 20 slot (0.020-inch) well screen. Well screen was installed from approximately 6.6 feet bgs to surface. The well was pulled from the subsurface after sampling. The borehole was backfilled with clean No. 2 sand and capped with concrete.												
<b>WELL DEVELOPMENT DATA</b>												
<b>SURGE BLOCK DIAMETER</b>	N/A	<b>TYPE PUMP</b>	Peristaltic									
<b>DRILLER OR LANGAN</b>	Langan	<b>MAX PUMP RATE</b>	1 LPM									
<b>NUMBER OF SURGE CYCLES</b>	N/A	<b>TOTAL VOLUME</b>	1.25 gal									
<b>TOP OF CASING</b>	<b>ELEVATION</b> N/A	<b>DEPTH (ft)</b> N/A		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 50%;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>WELL DETAILS</b></td> <td style="text-align: center;"><b>SUMMARY SOIL CLASSIFICATION</b></td> </tr> <tr> <td style="text-align: center;"><b>DEPTH (FT)</b></td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">6.6</td> </tr> </tbody> </table>			<b>WELL DETAILS</b>	<b>SUMMARY SOIL CLASSIFICATION</b>	<b>DEPTH (FT)</b>	0.0	6.6	
<b>WELL DETAILS</b>	<b>SUMMARY SOIL CLASSIFICATION</b>											
<b>DEPTH (FT)</b>	0.0											
6.6												
<b>TOP OF SEAL</b>	<b>ELEVATION</b> N/A	<b>DEPTH (ft)</b> N/A										
<b>TOP OF FILTER</b>	<b>ELEVATION</b> N/A	<b>DEPTH (ft)</b> 0.0										
<b>TOP OF SCREEN</b>	<b>ELEVATION</b> N/A	<b>DEPTH (ft)</b> 0.0										
<b>BOTTOM OF BORING</b>	<b>ELEVATION</b> N/A	<b>DEPTH (ft)</b> 6.6										
<b>SCREEN LENGTH (ft)</b>	6.6											
<b>SLOT SIZE</b>	No. 20 Slot; 0.020 Inches											
<b>GROUNDWATER ELEVATIONS</b>												
<b>ELEVATION</b> N/A	<b>DATE</b>	<b>DEPTH TO WATER</b> 1.23 ft										
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>										
<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>										
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<b>ELEVATION</b>	<b>DATE</b>	<b>DEPTH TO WATER</b>										

**LANGAN Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.**

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

**GROUNDWATER SAMPLE FIELD INFORMATION  
FORMS**

**GROUNDWATER SAMPLE FIELD INFORMATION FORM**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
<b>Project Name:</b>	12 Franklin Street	<b>Well No:</b>	MW01	<b>Water Quality Device Model:</b>	Horiba U-52	<b>Weather:</b>	70s oF, Clear	<b>Sample(s):</b>	MW01_053018
<b>Project Number:</b>	170476101	<b>Well Depth:</b>	15.6 ft bTOC	<b>Pine Number:</b>	14790	<b>Background PID (ppm):</b>	0		
<b>Site Location:</b>	Brooklyn, NY	<b>Well Diameter:</b>	1-inch	<b>Pump Make and Model:</b>	Geopump	<b>PID Beneath Inner Cap (ppm):</b>	0	<b>Sample Date:</b>	5/30/2018
<b>Sampling Personnel:</b>	Kevin Garrett	<b>Well Screen Interval:</b>	5.6 15.6	<b>Pine Number:</b>	19061	<b>Pump Intake Depth:</b>	12 ft bTOC	<b>Sample Time:</b>	13:17
<b>STABILIZATION = 3 successive readings within limits</b>									

TIME	TEMP	PH	ORP	CONDUCTIVITY	TURBIDITY	DO	DTW	Flow Rate	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
	°Celsius		mV	mS/cm	ntu	mg/l	ft	(gpm)		color, odor etc.	
(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)	(+/- 10%) above 5 NTU	(+/- 10%) above 0.5 mg/l	Drawdown < 0.33 ft	<0.13 gpm)				
<b>BEGIN PURGING</b>											
12:41	19.15	7.29	-72	2.13	80.30	2.50	8.20		1.5		N/A
12:46	18.72	7.16	-66	2.11	34.00	0.00	8.20	0.08	1.9		N/A
12:51	18.82	7.13	-66	2.13	0.00	0.00	8.20	0.04	2.1		N
12:56	18.48	7.09	-63	2.12	0.00	0.00	8.20	0.03	2.25		N
13:01	18.49	7.07	-62	2.12	13.40	0.00	8.20	0.05	2.5		N
13:06	18.66	7.06	-62	2.15	35.80	0.00	8.20	0.05	2.75		N
13:11	18.47	7.05	-62	2.14	33.60	0.00	8.20	0.05	3		N
13:16	18.60	7.03	-61	2.14	33.90	0.00	8.20	0.05	3.25		Y
											N
											N
											N
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											N
											N

- Notes:**
1. Well depths and groundwater depths were measured in feet below the top of well casing.
  2. Well and tubing diameters are measured in inches.
  3. PID = Photoionization Detector
  4. PPM = Parts per million
  5. pH = Hydrogen ion concentration
  6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
  7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
  8. DTW = Depth to water
  9. mS/cm = milli-Siemans per centimeter
  10. NTU = Nephelometric Turbidity Unit

**GROUNDWATER SAMPLE FIELD INFORMATION FORM**

<b>Project Information</b>		<b>Well Information</b>		<b>Equipment Information</b>		<b>Sampling Conditions</b>		<b>Sampling Information</b>	
<b>Project Name:</b>	12 Franklin Street	<b>Well No.:</b>	MW03	<b>Water Quality Device Model:</b>	Horiba U-52	<b>Weather:</b>	70s oF, Clear	<b>Sample(s):</b>	MW02_053018
<b>Project Number:</b>	170476101	<b>Well Depth:</b>	12 ft bTOC	<b>Pine Number:</b>	14790	<b>Background PID (ppm):</b>			
<b>Site Location:</b>	Brooklyn, NY	<b>Well Diameter:</b>	1-inch	<b>Pump Make and Model:</b>	Geopump	<b>PID Beneath Inner Cap (ppm):</b>		0	<b>Sample Date:</b>
<b>Sampling Personnel:</b>	Kevin Garrett	<b>Well Screen Interval:</b>	2	<b>Pine Number:</b>	19061	<b>Pump Intake Depth:</b>	11 ft bTOC	5/30/2018	
			12	<b>Tubing Diameter:</b>	0.17-inch	<b>Depth to Water Before Purge:</b>	7.3 ft bTOC	<b>Sample Time:</b>	14:52

*STABILIZATION = 3 successive readings within limits*

	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu	DO mg/l	DTW ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)	(+/- 10%) above 5 NTU	(+/- 10%) above 0.5 mg/l	Drawdown < 0.33 ft	<0.13 gpm)		color, odor etc.	
<b>BEGIN PURGING</b>											
14:16	18.76	7.47	-106	2.10	28.70	2.75	8.17		1.25		N/A
14:21	18.45	7.50	-121	2.07	215.00	0.37	8.05	0.05	1.5		N/A
14:26	18.37	7.72	-160	2.06	871.00	0.00	7.98	0.05	1.75		N
14:31	18.41	7.73	-178	2.01	276.00	0.00	7.95	0.05	2		N
14:36	18.42	7.67	-173	2.03	20.50	0.00	7.92	0.04	2.2		N
14:41	18.42	7.63	-170	2.03	0.00	0.00	7.95	0.04	2.4		N
14:46	18.40	7.58	-164	2.04	0.00	0.00	7.95	0.04	2.6		N
14:51	18.39	7.54	-160	2.04	0.00	0.00	7.93	0.04	2.8		Y
											N
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- Notes:**  
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4. PPM = Parts per million  
5. pH = Hydrogen ion concentration  
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)  
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)  
8. DTW = Depth to water  
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10. NTU = Nephelometric Turbidity Unit

### GROUNDWATER SAMPLE FIELD INFORMATION FORM

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	12 Franklin Street	Well No:	MW03	Water Quality Device Model:	Horiba U-52	Weather:	40s °F, Clear	Sample(s):	MW03_053018
Project Number:	170476101	Well Depth:	6.6 ft bTOC	Pine Number:	14790	Background PID (ppm):	3.8		
Site Location:	Brooklyn, NY	Well Diameter:	1-inch	Pump Make and Model:	Geopump	PID Beneath Inner Cap (ppm):	12.6	Sample Date:	5/30/2018
Sampling Personnel:	Elizabeth Adkins	Well Screen Interval:	6.6 Top of Well	Pine Number:	R19244	Pump Intake Depth:	4 ft bTOC	Sample Time:	13:15
				Tubing Diameter:		0.17-inch	Depth to Water Before Purge:	1.23 ft bTOC	

**STABILIZATION = 3 successive readings within limits**

TIME	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu	DO mg/l	DTW ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)	(+/- 10%) above 5 NTU	(+/- 10%) above 0.5 mg/l	Drawdown < 0.33 ft	<0.13 gpm)		color, odor etc.	
<b>BEGIN PURGING</b>											
12:25	17.55	7.58	-129	2.64	800.00	3.07	1.23		0.25	Blackish water	N/A
12:30	16.72	7.14	-110	2.80	221.00	0.00	2.71	0.1	0.75	Organic odor	N/A
12:35	16.50	7.02	-104	2.90	168.00	0.00	2.71	0.15	1.5		N
12:40	16.43	7.00	-104	2.99	95.60	0.00	2.71	0.1	2		N
12:45	16.35	7.00	-104	3.05	50.70	0.00	2.73	0.15	2.75	Water clear	N
12:50	16.33	7.00	-104	3.07	42.80	0.00	2.77	0.1	3.25		N
12:55	16.30	7.01	-104	3.08	36.10	0.00	2.81	0.1	3.75		N
13:00	16.26	7.01	-103	3.10	36.70	0.00	2.82	0.1	4.25		N
13:05	16.23	7.02	-103	3.11	26.70	0.00	2.83	0.15	5		N
13:10	16.21	7.03	-103	3.11	26.00	0.00	2.84	0.1	5.5		N
13:15	16.21	7.04	-103	3.11	26.20	0.00	2.86	0.05	5.75		Y
											N
											N
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- Notes:**
1. Well depths and groundwater depths were measured in feet below the top of well casing.
  2. Well and tubing diameters are measured in inches.
  3. PID = Photoionization Detector
  4. PPM = Parts per million
  5. pH = Hydrogen ion concentration
  6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
  7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
  8. DTW = Depth to water
  9. mS/cm = milli-Siemans per centimeter
  10. NTU = Nephelometric Turbidity Unit
  11. The top of the well casing was measured to be about 7 inches above the cellar slab and about 4 feet below the sidewalk grade.

# **SUB-SLAB SOIL VAPOR SAMPLING LOG SHEETS**

## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV01

<b>PROJECT:</b> 12 Franklin Street		<b>PROJECT NO.:</b> 170467101																									
<b>LOCATION:</b> Brooklyn, NY		<b>SURFACE ELEVATION AND DATUM:</b> N/A																									
<b>DRILLING FIRM OR LANGAN INSTALLER:</b> AARCO Environmental Services, Corp.		<b>INSTALLATION DATE STARTED:</b> 5/30/2018	<b>DATE FINISHED:</b> 5/30/2018																								
<b>INSTALLATION FOREMAN:</b> Daybi Pacheco		<b>SAMPLE DATE STARTED:</b> 5/30/2018	<b>DATE FINISHED:</b> 5/30/2018																								
<b>INSTALLATION EQUIPMENT:</b> Bosch Hammer Drill		<b>TYPE OF SAMPLING DEVICE:</b> 2.7-Liter Summa Canister																									
<b>INSPECTOR:</b> Vinicius De Paula		<b>SAMPLER:</b> Vinicius De Paula																									
<b>POTENTIAL SAMPLE INTERFERENCES:</b> None		<b>WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):</b> Temp: 66-70 Wind: 0-5 mph SSE Precipitation: 0 Pressure: 30.42" falling																									
<b>METHOD OF INSTALLATION AND PURGING:</b> AARCO advanced the hammer drill to 2 inches below the bottom of the slab, and inserted the sample tubing into the borhole. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.																											
<b>TUBING TYPE/DIAMETER:</b> 1/4-Inch Teflon-lined Polyethylene Tubing		<b>TYPE OF MATERIAL ABOVE SEAL:</b> Bentonite																									
<b>IMPLANT SCREEN TYPE/LENGTH/DIAMETER:</b> None		<b>SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):</b> Bentonite																									
<b>BOREHOLE DIAMETER:</b> 0.75 inches		<b>FILTER PACK MATERIAL (Sand or Glass Beads):</b> None (Preferred)																									
<b>PURGE VOLUME (L):</b> 1.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th style="text-align: center;">DEPTH (INCHES FROM SURFACE)</th> <th style="text-align: center;">NOTES</th> </tr> <tr> <th style="text-align: center;">SURFACE</th> <th style="text-align: center;">SURFACE</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;">0</td> <td style="text-align: center;">Top of Seal</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;">7</td> <td style="text-align: center;">Top of Pack</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;">8</td> <td style="text-align: center;">Tube Depth</td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (INCHES FROM SURFACE)	NOTES	SURFACE	SURFACE									0	Top of Seal			7	Top of Pack			8	Tube Depth
IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)				DEPTH (INCHES FROM SURFACE)	NOTES																						
SURFACE	SURFACE																										
				0	Top of Seal																						
				7	Top of Pack																						
				8	Tube Depth																						
<b>PURGE FLOW RATE (ML/MIN):</b> 200																											
<b>PID AFTER PURGE (PPM):</b> 0																											
<b>HELIUM TESTS</b>																											
Pre-sampling      Post-sampling																											
HELIUM TEST IN BUCKET(%): 14.6%      N/A																											
HELIUM TEST IN TUBE (PPM): 0.0%      N/A																											
<b>SAMPLE START TIME:</b> 11:25																											
<b>SAMPLE STOP TIME:</b> 13:30																											
<b>TOTAL SAMPLE TIME (MIN):</b> 125																											
<b>REGULATOR FLOW RATE (L/MIN):</b> 0.018																											
<b>VOLUME OF SAMPLE (LITERS):</b> 2.7																											
<b>PID AFTER SAMPLE (PPM):</b> N/A																											
<b>SAMPLE MOISTURE CONTENT:</b> None																											
<b>CAN SERIAL NUMBER:</b> 2027																											
<b>REGULATOR SERIAL NUMBER:</b> 972																											
<b>CAN START VACUUM PRESS. (" HG):</b> -29.71																											
<b>CAN STOP VACUUM PRESS. (" HG):</b> -6.48																											
<b>SAMPLE LOCATION SKETCH</b>																											
See Sample Location Plan																											
<b>NOTES</b>																											
<b>Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.</b> 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727																											



**SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET**

Sample Number: SSV02

<b>PROJECT:</b> 12 Franklin Street		<b>PROJECT NO.:</b> 170467101																			
<b>LOCATION:</b> Brooklyn, NY		<b>SURFACE ELEVATION AND DATUM:</b> N/A																			
<b>DRILLING FIRM OR LANGAN INSTALLER:</b> AARCO Environmental Services, Corp.		<b>INSTALLATION DATE STARTED:</b> 5/30/2018	<b>DATE FINISHED:</b> 5/30/2018																		
<b>INSTALLATION FOREMAN:</b> Daybi Pacheco		<b>SAMPLE DATE STARTED:</b> 5/30/2018	<b>DATE FINISHED:</b> 5/30/2018																		
<b>INSTALLATION EQUIPMENT:</b> Bosch Hammer Drill		<b>TYPE OF SAMPLING DEVICE:</b> 2.7-Liter Summa Canister																			
<b>INSPECTOR:</b> Vinicius De Paula		<b>SAMPLER:</b> Vinicius De Paula																			
<b>POTENTIAL SAMPLE INTERFERENCES:</b> None		<b>WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):</b> Temp: 66-70 Wind: 0-5 mph SSE Precipitation: 0 Pressure: 30.42" falling																			
<b>METHOD OF INSTALLATION AND PURGING:</b> AARCO advanced the hammer drill to 2 inches below the bottom of the slab, and inserted the sample tubing into the borhole. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.																					
<b>TUBING TYPE/DIAMETER:</b> 1/4-Inch Teflon-lined Polyethylene Tubing		<b>TYPE OF MATERIAL ABOVE SEAL:</b> Bentonite																			
<b>IMPLANT SCREEN TYPE/LENGTH/DIAMETER:</b> None		<b>SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):</b> Bentonite																			
<b>BOREHOLE DIAMETER:</b> 0.75 inches		<b>FILTER PACK MATERIAL (Sand or Glass Beads):</b> None (Preferred)																			
<b>PURGE VOLUME (L):</b>	1.00	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align:center;">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th rowspan="2" style="text-align:center;">DEPTH (INCHES FROM SURFACE)</th> <th rowspan="2" style="text-align:center;">NOTES</th> </tr> <tr> <th style="text-align:center;">SURFACE</th> <th style="text-align:center;">SURFACE</th> </tr> </thead> <tbody> <tr> <td style="text-align:center;">Top of Seal</td> <td></td> <td align="center">0</td> <td></td> </tr> <tr> <td style="text-align:center;">Top of Pack</td> <td></td> <td align="center">8</td> <td></td> </tr> <tr> <td style="text-align:center;">Tube Depth</td> <td></td> <td align="center">10</td> <td></td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (INCHES FROM SURFACE)	NOTES	SURFACE	SURFACE	Top of Seal		0		Top of Pack		8		Tube Depth		10	
IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)				DEPTH (INCHES FROM SURFACE)	NOTES																
SURFACE	SURFACE																				
Top of Seal				0																	
Top of Pack				8																	
Tube Depth				10																	
<b>PURGE FLOW RATE (ML/MIN):</b>	200																				
<b>PID AFTER PURGE (PPM):</b>	0.9																				
<b>HELIUM TESTS</b>																					
	Pre-sampling      Post-sampling																				
<b>HELIUM TEST IN BUCKET(%):</b>	10.5%      N/A																				
<b>HELIUM TEST IN TUBE (PPM):</b>	0.0%      N/A																				
<b>SAMPLE START TIME:</b>	10:01																				
<b>SAMPLE STOP TIME:</b>	12:01																				
<b>TOTAL SAMPLE TIME (MIN):</b>	120																				
<b>REGULATOR FLOW RATE (L/MIN):</b>	0.018																				
<b>VOLUME OF SAMPLE (LITERS):</b>	2.7																				
<b>PID AFTER SAMPLE (PPM):</b>	N/A																				
<b>SAMPLE MOISTURE CONTENT:</b>	None																				
<b>CAN SERIAL NUMBER:</b>	2481																				
<b>REGULATOR SERIAL NUMBER:</b>	273																				
<b>CAN START VACUUM PRESS. (" HG):</b>	-30.04																				
<b>CAN STOP VACUUM PRESS. (" HG):</b>	-5																				
<b>SAMPLE LOCATION SKETCH</b>		<b>NOTES</b>																			
See Sample Location Plan																					
<b>Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.</b> 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727																					

**SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET**

Sample Number: SSV03

<b>PROJECT:</b> 12 Franklin Street		<b>PROJECT NO.:</b> 170467101																			
<b>LOCATION:</b> Brooklyn, NY		<b>SURFACE ELEVATION AND DATUM:</b> N/A																			
<b>DRILLING FIRM OR LANGAN INSTALLER:</b> AARCO Environmental Services, Corp.		<b>INSTALLATION DATE STARTED:</b> 5/30/2018	<b>DATE FINISHED:</b> 5/30/2018																		
<b>INSTALLATION FOREMAN:</b> Daybi Pacheco		<b>SAMPLE DATE STARTED:</b> 5/30/2018	<b>DATE FINISHED:</b> 5/30/2018																		
<b>INSTALLATION EQUIPMENT:</b> Bosch Hammer Drill		<b>TYPE OF SAMPLING DEVICE:</b> 2.7-Liter Summa Canister																			
<b>INSPECTOR:</b> Vinicius De Paula		<b>SAMPLER:</b> Vinicius De Paula																			
<b>POTENTIAL SAMPLE INTERFERENCES:</b> Propane-powered forklift operating during sample collection		<b>WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):</b> Temp: 66-70 Wind: 0-5 mph SSE Precipitation: 0 Pressure: 30.42" falling																			
<b>METHOD OF INSTALLATION AND PURGING:</b> AARCO advanced the hammer drill to 2 inches below the bottom of the slab, and inserted the sample tubing into the borhole. A small amount of No. 2 sand was backfilled into the borehole to set the vapor tubing. No. 2 sand was backfilled around the tubing to 1 inch bgs, and the remainder of the borehole was sealed with bentonite.																					
<b>TUBING TYPE/DIAMETER:</b> 1/4-Inch Teflon-lined Polyethylene Tubing		<b>TYPE OF MATERIAL ABOVE SEAL:</b> Bentonite																			
<b>IMPLANT SCREEN TYPE/LENGTH/DIAMETER:</b> None		<b>SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):</b> Bentonite																			
<b>BOREHOLE DIAMETER:</b> 0.75 inches		<b>FILTER PACK MATERIAL (Sand or Glass Beads):</b> None (Preferred)																			
<b>PURGE VOLUME (L):</b> 1.00		<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th rowspan="2" style="text-align: center;">DEPTH (INCHES FROM SURFACE)</th> <th rowspan="2" style="text-align: center;">NOTES</th> </tr> <tr> <th style="text-align: center;">SURFACE</th> <th style="text-align: center;">SURFACE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Top of Seal</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Top of Pack</td> <td style="text-align: center;">7</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Tube Depth</td> <td style="text-align: center;">8</td> <td></td> <td></td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (INCHES FROM SURFACE)	NOTES	SURFACE	SURFACE	Top of Seal	0			Top of Pack	7			Tube Depth	8		
IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)				DEPTH (INCHES FROM SURFACE)	NOTES																
SURFACE	SURFACE																				
Top of Seal	0																				
Top of Pack	7																				
Tube Depth	8																				
<b>PURGE FLOW RATE (ML/MIN):</b> 200																					
<b>PID AFTER PURGE (PPM):</b> 1.8																					
<b>HELIUM TESTS</b>																					
Pre-sampling      Post-sampling																					
HELIUM TEST IN BUCKET(%):      18.0%      N/A																					
HELIUM TEST IN TUBE (PPM):      0.0%      N/A																					
<b>SAMPLE START TIME:</b> 11:52																					
<b>SAMPLE STOP TIME:</b> 13:55																					
<b>TOTAL SAMPLE TIME (MIN):</b> 123																					
<b>REGULATOR FLOW RATE (L/MIN):</b> 0.018																					
<b>VOLUME OF SAMPLE (LITERS):</b> 2.7																					
<b>PID AFTER SAMPLE (PPM):</b> N/A																					
<b>SAMPLE MOISTURE CONTENT:</b> None																					
<b>CAN SERIAL NUMBER:</b> 197																					
<b>REGULATOR SERIAL NUMBER:</b> 401																					
<b>CAN START VACUUM PRESS. (" HG):</b> -30.36																					
<b>CAN STOP VACUUM PRESS. (" HG):</b> -5.34																					
<b>SAMPLE LOCATION SKETCH</b>																					
See Sample Location Plan																					
<b>NOTES</b>																					
<b>Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.</b> 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727																					

# **LABORATORY DATA REPORTS**



## ANALYTICAL REPORT

Lab Number:	L1819838
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	12 FRANKLIN STREET
Project Number:	170467101
Report Date:	06/06/18

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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).

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



Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1819838-01	EB02_1-2	SOIL	BROOKLYN, NY	05/30/18 08:25	05/30/18
L1819838-02	EB02_7-8	SOIL	BROOKLYN, NY	05/30/18 08:35	05/30/18
L1819838-03	EB03_0-1	SOIL	BROOKLYN, NY	05/30/18 11:10	05/30/18
L1819838-04	EB03_8-9	SOIL	BROOKLYN, NY	05/30/18 11:15	05/30/18
L1819838-05	EB06_0-1	SOIL	BROOKLYN, NY	05/30/18 09:35	05/30/18
L1819838-06	EB06_5-6	SOIL	BROOKLYN, NY	05/30/18 10:00	05/30/18
L1819838-07	EB06_11-12	SOIL	BROOKLYN, NY	05/30/18 12:00	05/30/18
L1819838-08	EB01_0-2	SOIL	BROOKLYN, NY	05/30/18 11:55	05/30/18
L1819838-09	EB01_6-7	SOIL	BROOKLYN, NY	05/30/18 10:30	05/30/18
L1819838-10	EB01_11-12	SOIL	BROOKLYN, NY	05/30/18 10:25	05/30/18
L1819838-11	EB04_6-8	SOIL	BROOKLYN, NY	05/30/18 11:40	05/30/18
L1819838-12	EB04_11-12	SOIL	BROOKLYN, NY	05/30/18 11:30	05/30/18
L1819838-13	EB05_1-3	SOIL	BROOKLYN, NY	05/30/18 09:15	05/30/18
L1819838-14	EB05_7-8	SOIL	BROOKLYN, NY	05/30/18 09:20	05/30/18
L1819838-15	MW01_053018	WATER	BROOKLYN, NY	05/30/18 13:17	05/30/18
L1819838-16	MW02_053018	WATER	BROOKLYN, NY	05/30/18 14:52	05/30/18
L1819838-17	MW03_053018	WATER	BROOKLYN, NY	05/30/18 13:15	05/30/18

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

### 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

### 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

L1819838-06: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1819838-08 and -10: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1819838-10: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (161%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L1819838-13: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (27%) and the surrogate recovery for 4-bromofluorobenzene (146%) were outside the acceptance criteria. Re-analysis achieved similar results and matrix interference was confirmed. The results of original analysis are reported.

The WG1122469-5 Method Blank, associated with L1819838-09, has a concentration above the reporting limit for bromomethane. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

#### Semivolatile Organics

The WG1121740-2 LCS recovery, associated with L1819838-15, -16, and -17, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

#### Pesticides

L1819838-02, -03, -06, -09, -10, -12 and -13: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1819838-02, -03, -06, -10, -12 and -13: The surrogate recoveries are below the acceptance criteria for

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

### Case Narrative (continued)

2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1819838-05: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (1570%/241%); however, the sample was not re-extracted due to coelution with obvious interferences.

#### Total Metals

L1819838-01 through -14: 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.

#### Dissolved Metals

The WG1122477-1 Method Blank, associated with L1819838-15, -16, and -17, has a concentration above the reporting limit for calcium. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

The WG1122477-3 MS recovery, performed on L1819838-16, is outside the acceptance criteria for antimony (128%). A post digestion spike was performed and was within acceptance criteria.

The WG1122477-3 MS recovery for calcium (30%), iron (0%), and sodium (280%), performed on L1819838-16, do not apply because the sample concentrations are greater than four times the spike amounts added.

#### Cyanide, Total

WG1121079: The required batch QC was prepared; however, the native sample required a different reporting method; therefore, the associated QC results could not be reported.

The WG1121079-3 LCSD recovery (75%), associated with L1819838-01 through -04, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1121103-2/-3 LCS/LCSD recoveries (78%/74%), associated with L1819838-05 through -11, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1122175-2/-3 LCS/LCSD recoveries (45%/45%), associated with L1819838-12, -13, and -14, are



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Case Narrative (continued)**

outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1121564-5 Soluble MS recovery (63%), performed on L1819838-14, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 101%.

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:

 Amita Naik

Title: Technical Director/Representative

Date: 06/06/18

# ORGANICS

# VOLATILES

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-01  
 Client ID: EB02\_1-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 08:25  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 13:41  
 Analyst: MV  
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	12	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.32	1
Chloroform	6.3		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.40	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.35	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.49	1
1,2-Dichloroethane	3.7		ug/kg	1.2	0.29	1
1,1,1-Trichloroethane	1.2		ug/kg	1.2	0.41	1
Bromodichloromethane	0.54	J	ug/kg	1.2	0.36	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.24	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.38	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.35	1
Benzene	ND		ug/kg	1.2	0.22	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Chloromethane	ND		ug/kg	5.8	0.51	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.37	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.28	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.2	0.35	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.18	1
p/m-Xylene	ND		ug/kg	2.3	0.41	1
o-Xylene	ND		ug/kg	2.3	0.39	1
Xylenes, Total	ND		ug/kg	2.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.40	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.28	1
Dibromomethane	ND		ug/kg	12	0.28	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.58	1
Acetone	32		ug/kg	12	2.7	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	2.2	J	ug/kg	12	0.80	1
Vinyl acetate	ND		ug/kg	12	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.21	1
2-Hexanone	ND		ug/kg	12	0.78	1
Bromochloromethane	ND		ug/kg	5.8	0.42	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.52	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.23	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.27	1
sec-Butylbenzene	ND		ug/kg	1.2	0.25	1
tert-Butylbenzene	ND		ug/kg	5.8	0.29	1
o-Chlorotoluene	ND		ug/kg	5.8	0.26	1
p-Chlorotoluene	ND		ug/kg	5.8	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.41	1
Isopropylbenzene	ND		ug/kg	1.2	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	0.56	J	ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.60	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.22	1
1,4-Dioxane	ND		ug/kg	47	17.	1
p-Diethylbenzene	ND		ug/kg	4.7	4.7	1
p-Ethyltoluene	ND		ug/kg	4.7	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.18	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-02  
 Client ID: EB02\_7-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 08:35  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 14:07  
 Analyst: MV  
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	0.41	J	ug/kg	1.6	0.28	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.36	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.0	0.32	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.36	1
Bromodichloromethane	ND		ug/kg	1.0	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.22	1
1,1-Dichloropropene	ND		ug/kg	5.2	0.34	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.31	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.18	1
Chloromethane	ND		ug/kg	5.2	0.46	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.33	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.25	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.0	0.32	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.35	1
Xylenes, Total	ND		ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.25	1
Dibromomethane	ND		ug/kg	10	0.25	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.52	1
Acetone	14		ug/kg	10	2.4	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	ND		ug/kg	10	0.72	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.2	0.37	1
2,2-Dichloropropane	ND		ug/kg	5.2	0.47	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
Bromobenzene	ND		ug/kg	5.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.0	0.24	1
sec-Butylbenzene	ND		ug/kg	1.0	0.23	1
tert-Butylbenzene	ND		ug/kg	5.2	0.26	1
o-Chlorotoluene	ND		ug/kg	5.2	0.23	1
p-Chlorotoluene	ND		ug/kg	5.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.36	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	0.29	J	ug/kg	5.2	0.14	1
Acrylonitrile	ND		ug/kg	10	0.54	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.19	1
1,4-Dioxane	ND		ug/kg	42	15.	1
p-Diethylbenzene	ND		ug/kg	4.2	4.2	1
p-Ethyltoluene	ND		ug/kg	4.2	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.2	0.16	1
Ethyl ether	ND		ug/kg	5.2	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	113		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-03  
 Client ID: EB03\_0-1  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:10  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 11:05  
 Analyst: MV  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	100	J	ug/kg	550	91.	1
1,1-Dichloroethane	ND		ug/kg	83	15.	1
Chloroform	ND		ug/kg	83	20.	1
Carbon tetrachloride	ND		ug/kg	55	19.	1
1,2-Dichloropropane	ND		ug/kg	190	12.	1
Dibromochloromethane	ND		ug/kg	55	9.7	1
1,1,2-Trichloroethane	ND		ug/kg	83	17.	1
Tetrachloroethene	ND		ug/kg	55	17.	1
Chlorobenzene	ND		ug/kg	55	19.	1
Trichlorofluoromethane	ND		ug/kg	280	23.	1
1,2-Dichloroethane	ND		ug/kg	55	14.	1
1,1,1-Trichloroethane	ND		ug/kg	55	19.	1
Bromodichloromethane	ND		ug/kg	55	17.	1
trans-1,3-Dichloropropene	ND		ug/kg	55	11.	1
cis-1,3-Dichloropropene	ND		ug/kg	55	13.	1
1,3-Dichloropropene, Total	ND		ug/kg	55	11.	1
1,1-Dichloropropene	ND		ug/kg	280	18.	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	55	16.	1
Benzene	ND		ug/kg	55	11.	1
Toluene	ND		ug/kg	83	11.	1
Ethylbenzene	ND		ug/kg	55	9.4	1
Chloromethane	ND		ug/kg	280	24.	1
Bromomethane	ND		ug/kg	110	19.	1
Vinyl chloride	ND		ug/kg	110	17.	1
Chloroethane	ND		ug/kg	110	17.	1
1,1-Dichloroethene	ND		ug/kg	55	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	83	13.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	55	17.	1
1,2-Dichlorobenzene	ND		ug/kg	280	10.	1
1,3-Dichlorobenzene	ND		ug/kg	280	12.	1
1,4-Dichlorobenzene	ND		ug/kg	280	10.	1
Methyl tert butyl ether	ND		ug/kg	110	8.4	1
p/m-Xylene	ND		ug/kg	110	19.	1
o-Xylene	ND		ug/kg	110	19.	1
Xylenes, Total	ND		ug/kg	110	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	55	19.	1
1,2-Dichloroethene, Total	ND		ug/kg	55	13.	1
Dibromomethane	ND		ug/kg	550	13.	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	550	28.	1
Acetone	ND		ug/kg	550	130	1
Carbon disulfide	ND		ug/kg	550	61.	1
2-Butanone	ND		ug/kg	550	38.	1
Vinyl acetate	ND		ug/kg	550	8.4	1
4-Methyl-2-pentanone	ND		ug/kg	550	13.	1
1,2,3-Trichloropropane	ND		ug/kg	550	9.8	1
2-Hexanone	ND		ug/kg	550	37.	1
Bromochloromethane	ND		ug/kg	280	20.	1
2,2-Dichloropropane	ND		ug/kg	280	25.	1
1,2-Dibromoethane	ND		ug/kg	220	11.	1
1,3-Dichloropropane	ND		ug/kg	280	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	55	18.	1
Bromobenzene	ND		ug/kg	280	12.	1
n-Butylbenzene	200		ug/kg	55	12.	1
sec-Butylbenzene	130		ug/kg	55	12.	1
tert-Butylbenzene	ND		ug/kg	280	14.	1
o-Chlorotoluene	ND		ug/kg	280	12.	1
p-Chlorotoluene	ND		ug/kg	280	10.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	22.	1
Hexachlorobutadiene	ND		ug/kg	280	19.	1
Isopropylbenzene	55		ug/kg	55	11.	1
p-Isopropyltoluene	ND		ug/kg	55	11.	1
Naphthalene	1600		ug/kg	280	7.6	1
Acrylonitrile	ND		ug/kg	550	28.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	140		ug/kg	55	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	280	14.	1
1,2,4-Trichlorobenzene	ND		ug/kg	280	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	280	8.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	280	10.	1
1,4-Dioxane	ND		ug/kg	2200	790	1
p-Diethylbenzene	ND		ug/kg	220	220	1
p-Ethyltoluene	ND		ug/kg	220	13.	1
1,2,4,5-Tetramethylbenzene	600		ug/kg	220	8.6	1
Ethyl ether	ND		ug/kg	280	14.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	280	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	116		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-04  
 Client ID: EB03\_8-9  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:15  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 14:33  
 Analyst: MV  
 Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	16	2.6	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.42	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.54	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	ND		ug/kg	1.6	0.48	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.66	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.55	1
Bromodichloromethane	ND		ug/kg	1.6	0.48	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.36	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.33	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.52	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.47	1
Benzene	ND		ug/kg	1.6	0.30	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.27	1
Chloromethane	ND		ug/kg	7.9	0.69	1
Bromomethane	ND		ug/kg	3.1	0.53	1
Vinyl chloride	ND		ug/kg	3.1	0.50	1
Chloroethane	0.95	J	ug/kg	3.1	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.58	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.38	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.6	0.48	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.29	1
Methyl tert butyl ether	1.0	J	ug/kg	3.1	0.24	1
p/m-Xylene	ND		ug/kg	3.1	0.55	1
o-Xylene	ND		ug/kg	3.1	0.53	1
Xylenes, Total	ND		ug/kg	3.1	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.54	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.38	1
Dibromomethane	ND		ug/kg	16	0.38	1
Styrene	ND		ug/kg	3.1	0.63	1
Dichlorodifluoromethane	ND		ug/kg	16	0.79	1
Acetone	40		ug/kg	16	3.6	1
Carbon disulfide	16		ug/kg	16	1.7	1
2-Butanone	5.4	J	ug/kg	16	1.1	1
Vinyl acetate	ND		ug/kg	16	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.28	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.9	0.56	1
2,2-Dichloropropane	ND		ug/kg	7.9	0.71	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.31	1
1,3-Dichloropropane	ND		ug/kg	7.9	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.9	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.36	1
sec-Butylbenzene	ND		ug/kg	1.6	0.34	1
tert-Butylbenzene	ND		ug/kg	7.9	0.39	1
o-Chlorotoluene	ND		ug/kg	7.9	0.35	1
p-Chlorotoluene	ND		ug/kg	7.9	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.55	1
Isopropylbenzene	ND		ug/kg	1.6	0.30	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.32	1
Naphthalene	0.34	J	ug/kg	7.9	0.22	1
Acrylonitrile	ND		ug/kg	16	0.81	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.34	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.29	1
1,4-Dioxane	ND		ug/kg	63	23.	1
p-Diethylbenzene	ND		ug/kg	6.3	6.3	1
p-Ethyltoluene	ND		ug/kg	6.3	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.3	0.24	1
Ethyl ether	ND		ug/kg	7.9	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-05  
 Client ID: EB06\_0-1  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:35  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 14:59  
 Analyst: MV  
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	14		ug/kg	1.8	0.33	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	2.1		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	43		ug/kg	1.2	0.43	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.25	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.40	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.53	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	2.9		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.29	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl tert butyl ether	0.27	J	ug/kg	2.4	0.19	1
p/m-Xylene	ND		ug/kg	2.4	0.43	1
o-Xylene	ND		ug/kg	2.4	0.41	1
Xylenes, Total	ND		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.29	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	66		ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.84	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.44	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.55	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.1	0.27	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	6.1	0.30	1
o-Chlorotoluene	ND		ug/kg	6.1	0.27	1
p-Chlorotoluene	ND		ug/kg	6.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.42	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	0.40	J	ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.23	1
1,4-Dioxane	ND		ug/kg	49	18.	1
p-Diethylbenzene	ND		ug/kg	4.9	4.9	1
p-Ethyltoluene	ND		ug/kg	4.9	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.19	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-06      D  
**Client ID:** EB06\_5-6  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 06/04/18 15:25  
**Analyst:** MV  
**Percent Solids:** 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	380	J	ug/kg	2200	370	4
1,1-Dichloroethane	ND		ug/kg	330	60.	4
Chloroform	ND		ug/kg	330	82.	4
Carbon tetrachloride	ND		ug/kg	220	77.	4
1,2-Dichloropropane	ND		ug/kg	780	51.	4
Dibromochloromethane	ND		ug/kg	220	39.	4
1,1,2-Trichloroethane	ND		ug/kg	330	70.	4
Tetrachloroethene	ND		ug/kg	220	67.	4
Chlorobenzene	ND		ug/kg	220	77.	4
Trichlorofluoromethane	ND		ug/kg	1100	93.	4
1,2-Dichloroethane	ND		ug/kg	220	55.	4
1,1,1-Trichloroethane	ND		ug/kg	220	78.	4
Bromodichloromethane	ND		ug/kg	220	68.	4
trans-1,3-Dichloropropene	ND		ug/kg	220	46.	4
cis-1,3-Dichloropropene	ND		ug/kg	220	51.	4
1,3-Dichloropropene, Total	ND		ug/kg	220	46.	4
1,1-Dichloropropene	ND		ug/kg	1100	73.	4
Bromoform	ND		ug/kg	890	53.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	220	66.	4
Benzene	95	J	ug/kg	220	43.	4
Toluene	ND		ug/kg	330	43.	4
Ethylbenzene	1700		ug/kg	220	38.	4
Chloromethane	ND		ug/kg	1100	97.	4
Bromomethane	ND		ug/kg	440	75.	4
Vinyl chloride	ND		ug/kg	440	70.	4
Chloroethane	ND		ug/kg	440	70.	4
1,1-Dichloroethene	ND		ug/kg	220	83.	4
trans-1,2-Dichloroethene	ND		ug/kg	330	54.	4

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-06 D  
 Client ID: EB06\_5-6  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:00  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	220	67.	4
1,2-Dichlorobenzene	ND		ug/kg	1100	40.	4
1,3-Dichlorobenzene	ND		ug/kg	1100	48.	4
1,4-Dichlorobenzene	ND		ug/kg	1100	40.	4
Methyl tert butyl ether	100	J	ug/kg	440	34.	4
p/m-Xylene	230	J	ug/kg	440	78.	4
o-Xylene	ND		ug/kg	440	75.	4
Xylenes, Total	230	J	ug/kg	440	75.	4
cis-1,2-Dichloroethene	ND		ug/kg	220	76.	4
1,2-Dichloroethene, Total	ND		ug/kg	220	54.	4
Dibromomethane	ND		ug/kg	2200	53.	4
Styrene	ND		ug/kg	440	89.	4
Dichlorodifluoromethane	ND		ug/kg	2200	110	4
Acetone	ND		ug/kg	2200	510	4
Carbon disulfide	ND		ug/kg	2200	240	4
2-Butanone	ND		ug/kg	2200	150	4
Vinyl acetate	ND		ug/kg	2200	34.	4
4-Methyl-2-pentanone	ND		ug/kg	2200	54.	4
1,2,3-Trichloropropane	ND		ug/kg	2200	39.	4
2-Hexanone	ND		ug/kg	2200	150	4
Bromochloromethane	ND		ug/kg	1100	79.	4
2,2-Dichloropropane	ND		ug/kg	1100	100	4
1,2-Dibromoethane	ND		ug/kg	890	44.	4
1,3-Dichloropropane	ND		ug/kg	1100	41.	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	220	71.	4
Bromobenzene	ND		ug/kg	1100	49.	4
n-Butylbenzene	2300		ug/kg	220	51.	4
sec-Butylbenzene	1800		ug/kg	220	48.	4
tert-Butylbenzene	67	J	ug/kg	1100	55.	4
o-Chlorotoluene	ND		ug/kg	1100	49.	4
p-Chlorotoluene	ND		ug/kg	1100	41.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1100	88.	4
Hexachlorobutadiene	ND		ug/kg	1100	77.	4
Isopropylbenzene	950		ug/kg	220	43.	4
p-Isopropyltoluene	1000		ug/kg	220	45.	4
Naphthalene	9500		ug/kg	1100	31.	4
Acrylonitrile	ND		ug/kg	2200	110	4

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-06      D  
**Client ID:** EB06\_5-6  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	2000		ug/kg	220	48.	4
1,2,3-Trichlorobenzene	ND		ug/kg	1100	56.	4
1,2,4-Trichlorobenzene	ND		ug/kg	1100	48.	4
1,3,5-Trimethylbenzene	330	J	ug/kg	1100	36.	4
1,2,4-Trimethylbenzene	7100		ug/kg	1100	41.	4
1,4-Dioxane	ND		ug/kg	8900	3200	4
p-Diethylbenzene	1000		ug/kg	890	890	4
p-Ethyltoluene	1200		ug/kg	890	52.	4
1,2,4,5-Tetramethylbenzene	3700		ug/kg	890	35.	4
Ethyl ether	ND		ug/kg	1100	58.	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	1100	87.	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	112		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 06/04/18 11:31  
**Analyst:** MV  
**Percent Solids:** 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	91	J	ug/kg	520	86.	1
1,1-Dichloroethane	ND		ug/kg	78	14.	1
Chloroform	ND		ug/kg	78	19.	1
Carbon tetrachloride	ND		ug/kg	52	18.	1
1,2-Dichloropropane	ND		ug/kg	180	12.	1
Dibromochloromethane	ND		ug/kg	52	9.1	1
1,1,2-Trichloroethane	ND		ug/kg	78	16.	1
Tetrachloroethene	ND		ug/kg	52	16.	1
Chlorobenzene	ND		ug/kg	52	18.	1
Trichlorofluoromethane	ND		ug/kg	260	22.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	52	18.	1
Bromodichloromethane	ND		ug/kg	52	16.	1
trans-1,3-Dichloropropene	ND		ug/kg	52	11.	1
cis-1,3-Dichloropropene	ND		ug/kg	52	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	52	11.	1
1,1-Dichloropropene	ND		ug/kg	260	17.	1
Bromoform	ND		ug/kg	210	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	15.	1
Benzene	44	J	ug/kg	52	10.	1
Toluene	22	J	ug/kg	78	10.	1
Ethylbenzene	210		ug/kg	52	8.8	1
Chloromethane	ND		ug/kg	260	23.	1
Bromomethane	ND		ug/kg	100	18.	1
Vinyl chloride	ND		ug/kg	100	16.	1
Chloroethane	ND		ug/kg	100	16.	1
1,1-Dichloroethene	ND		ug/kg	52	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	78	12.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	52	16.	1
1,2-Dichlorobenzene	ND		ug/kg	260	9.4	1
1,3-Dichlorobenzene	ND		ug/kg	260	11.	1
1,4-Dichlorobenzene	ND		ug/kg	260	9.4	1
Methyl tert butyl ether	60	J	ug/kg	100	7.9	1
p/m-Xylene	420		ug/kg	100	18.	1
o-Xylene	320		ug/kg	100	18.	1
Xylenes, Total	740		ug/kg	100	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	18.	1
1,2-Dichloroethene, Total	ND		ug/kg	52	12.	1
Dibromomethane	ND		ug/kg	520	12.	1
Styrene	ND		ug/kg	100	21.	1
Dichlorodifluoromethane	ND		ug/kg	520	26.	1
Acetone	ND		ug/kg	520	120	1
Carbon disulfide	ND		ug/kg	520	57.	1
2-Butanone	ND		ug/kg	520	36.	1
Vinyl acetate	ND		ug/kg	520	7.9	1
4-Methyl-2-pentanone	ND		ug/kg	520	13.	1
1,2,3-Trichloropropane	ND		ug/kg	520	9.2	1
2-Hexanone	ND		ug/kg	520	34.	1
Bromochloromethane	ND		ug/kg	260	18.	1
2,2-Dichloropropane	ND		ug/kg	260	23.	1
1,2-Dibromoethane	ND		ug/kg	210	10.	1
1,3-Dichloropropane	ND		ug/kg	260	9.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	52	16.	1
Bromobenzene	ND		ug/kg	260	11.	1
n-Butylbenzene	230		ug/kg	52	12.	1
sec-Butylbenzene	190		ug/kg	52	11.	1
tert-Butylbenzene	ND		ug/kg	260	13.	1
o-Chlorotoluene	ND		ug/kg	260	11.	1
p-Chlorotoluene	ND		ug/kg	260	9.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	20.	1
Hexachlorobutadiene	ND		ug/kg	260	18.	1
Isopropylbenzene	120		ug/kg	52	10.	1
p-Isopropyltoluene	120		ug/kg	52	10.	1
Naphthalene	1200		ug/kg	260	7.2	1
Acrylonitrile	ND		ug/kg	520	27.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	260		ug/kg	52	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	11.	1
1,3,5-Trimethylbenzene	410		ug/kg	260	8.4	1
1,2,4-Trimethylbenzene	1500		ug/kg	260	9.6	1
1,4-Dioxane	ND		ug/kg	2100	750	1
p-Diethylbenzene	920		ug/kg	210	210	1
p-Ethyltoluene	450		ug/kg	210	12.	1
1,2,4,5-Tetramethylbenzene	410		ug/kg	210	8.1	1
Ethyl ether	ND		ug/kg	260	14.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	260	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-08  
 Client ID: EB01\_0-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:55  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 11:57  
 Analyst: MV  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	120	J	ug/kg	600	100	1
1,1-Dichloroethane	ND		ug/kg	90	16.	1
Chloroform	ND		ug/kg	90	22.	1
Carbon tetrachloride	ND		ug/kg	60	21.	1
1,2-Dichloropropane	ND		ug/kg	210	14.	1
Dibromochloromethane	ND		ug/kg	60	11.	1
1,1,2-Trichloroethane	ND		ug/kg	90	19.	1
Tetrachloroethene	54	J	ug/kg	60	18.	1
Chlorobenzene	ND		ug/kg	60	21.	1
Trichlorofluoromethane	ND		ug/kg	300	25.	1
1,2-Dichloroethane	ND		ug/kg	60	15.	1
1,1,1-Trichloroethane	ND		ug/kg	60	21.	1
Bromodichloromethane	ND		ug/kg	60	18.	1
trans-1,3-Dichloropropene	ND		ug/kg	60	12.	1
cis-1,3-Dichloropropene	ND		ug/kg	60	14.	1
1,3-Dichloropropene, Total	ND		ug/kg	60	12.	1
1,1-Dichloropropene	ND		ug/kg	300	20.	1
Bromoform	ND		ug/kg	240	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	60	18.	1
Benzene	20	J	ug/kg	60	12.	1
Toluene	120		ug/kg	90	12.	1
Ethylbenzene	97		ug/kg	60	10.	1
Chloromethane	ND		ug/kg	300	26.	1
Bromomethane	ND		ug/kg	120	20.	1
Vinyl chloride	ND		ug/kg	120	19.	1
Chloroethane	ND		ug/kg	120	19.	1
1,1-Dichloroethene	ND		ug/kg	60	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	90	14.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	60	18.	1
1,2-Dichlorobenzene	ND		ug/kg	300	11.	1
1,3-Dichlorobenzene	ND		ug/kg	300	13.	1
1,4-Dichlorobenzene	ND		ug/kg	300	11.	1
Methyl tert butyl ether	9.3	J	ug/kg	120	9.2	1
p/m-Xylene	410		ug/kg	120	21.	1
o-Xylene	170		ug/kg	120	20.	1
Xylenes, Total	580		ug/kg	120	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	60	21.	1
1,2-Dichloroethene, Total	ND		ug/kg	60	14.	1
Dibromomethane	ND		ug/kg	600	14.	1
Styrene	ND		ug/kg	120	24.	1
Dichlorodifluoromethane	ND		ug/kg	600	30.	1
Acetone	ND		ug/kg	600	140	1
Carbon disulfide	ND		ug/kg	600	66.	1
2-Butanone	ND		ug/kg	600	42.	1
Vinyl acetate	ND		ug/kg	600	9.2	1
4-Methyl-2-pentanone	ND		ug/kg	600	15.	1
1,2,3-Trichloropropane	ND		ug/kg	600	11.	1
2-Hexanone	ND		ug/kg	600	40.	1
Bromochloromethane	ND		ug/kg	300	22.	1
2,2-Dichloropropane	ND		ug/kg	300	27.	1
1,2-Dibromoethane	ND		ug/kg	240	12.	1
1,3-Dichloropropane	ND		ug/kg	300	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	60	19.	1
Bromobenzene	ND		ug/kg	300	13.	1
n-Butylbenzene	46	J	ug/kg	60	14.	1
sec-Butylbenzene	37	J	ug/kg	60	13.	1
tert-Butylbenzene	ND		ug/kg	300	15.	1
o-Chlorotoluene	ND		ug/kg	300	13.	1
p-Chlorotoluene	ND		ug/kg	300	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	300	24.	1
Hexachlorobutadiene	ND		ug/kg	300	21.	1
Isopropylbenzene	36	J	ug/kg	60	12.	1
p-Isopropyltoluene	39	J	ug/kg	60	12.	1
Naphthalene	110	J	ug/kg	300	8.3	1
Acrylonitrile	ND		ug/kg	600	31.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	69		ug/kg	60	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	300	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	300	13.	1
1,3,5-Trimethylbenzene	130	J	ug/kg	300	9.7	1
1,2,4-Trimethylbenzene	240	J	ug/kg	300	11.	1
1,4-Dioxane	ND		ug/kg	2400	870	1
p-Diethylbenzene	ND		ug/kg	240	240	1
p-Ethyltoluene	190	J	ug/kg	240	14.	1
1,2,4,5-Tetramethylbenzene	33	J	ug/kg	240	9.4	1
Ethyl ether	ND		ug/kg	300	16.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-09  
 Client ID: EB01\_6-7  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 23:12  
 Analyst: MV  
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	18	3.0	1
1,1-Dichloroethane	ND		ug/kg	2.7	0.49	1
Chloroform	ND		ug/kg	2.7	0.68	1
Carbon tetrachloride	ND		ug/kg	1.8	0.63	1
1,2-Dichloropropane	ND		ug/kg	6.4	0.42	1
Dibromochloromethane	ND		ug/kg	1.8	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	0.57	1
Tetrachloroethene	1.7	J	ug/kg	1.8	0.55	1
Chlorobenzene	ND		ug/kg	1.8	0.64	1
Trichlorofluoromethane	ND		ug/kg	9.2	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.45	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	0.64	1
Bromodichloromethane	ND		ug/kg	1.8	0.56	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.42	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.38	1
1,1-Dichloropropene	ND		ug/kg	9.2	0.60	1
Bromoform	ND		ug/kg	7.3	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.54	1
Benzene	1.2	J	ug/kg	1.8	0.35	1
Toluene	1.2	J	ug/kg	2.7	0.36	1
Ethylbenzene	ND		ug/kg	1.8	0.31	1
Chloromethane	ND		ug/kg	9.2	0.80	1
Bromomethane	ND		ug/kg	3.7	0.62	1
Vinyl chloride	ND		ug/kg	3.7	0.58	1
Chloroethane	ND		ug/kg	3.7	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.68	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.44	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-09  
**Client ID:** EB01\_6-7  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.8	0.55	1
1,2-Dichlorobenzene	ND		ug/kg	9.2	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	9.2	0.40	1
1,4-Dichlorobenzene	ND		ug/kg	9.2	0.33	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.28	1
p/m-Xylene	0.91	J	ug/kg	3.7	0.64	1
o-Xylene	ND		ug/kg	3.7	0.62	1
Xylenes, Total	0.91	J	ug/kg	3.7	0.62	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.63	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.44	1
Dibromomethane	ND		ug/kg	18	0.44	1
Styrene	ND		ug/kg	3.7	0.73	1
Dichlorodifluoromethane	ND		ug/kg	18	0.92	1
Acetone	ND		ug/kg	18	4.2	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	ND		ug/kg	18	1.3	1
Vinyl acetate	ND		ug/kg	18	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.45	1
1,2,3-Trichloropropane	ND		ug/kg	18	0.32	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	9.2	0.65	1
2,2-Dichloropropane	ND		ug/kg	9.2	0.82	1
1,2-Dibromoethane	ND		ug/kg	7.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	9.2	0.34	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.58	1
Bromobenzene	ND		ug/kg	9.2	0.40	1
n-Butylbenzene	ND		ug/kg	1.8	0.42	1
sec-Butylbenzene	ND		ug/kg	1.8	0.40	1
tert-Butylbenzene	ND		ug/kg	9.2	0.45	1
o-Chlorotoluene	ND		ug/kg	9.2	0.40	1
p-Chlorotoluene	ND		ug/kg	9.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.2	0.72	1
Hexachlorobutadiene	ND		ug/kg	9.2	0.64	1
Isopropylbenzene	ND		ug/kg	1.8	0.36	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.37	1
Naphthalene	ND		ug/kg	9.2	0.25	1
Acrylonitrile	ND		ug/kg	18	0.94	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-09  
**Client ID:** EB01\_6-7  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.8	0.39	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.2	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.2	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.2	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.2	0.34	1
1,4-Dioxane	ND		ug/kg	73	26.	1
p-Diethylbenzene	ND		ug/kg	7.3	7.3	1
p-Ethyltoluene	ND		ug/kg	7.3	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.3	0.28	1
Ethyl ether	ND		ug/kg	9.2	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.2	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-10  
 Client ID: EB01\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:25  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 12:23  
 Analyst: JC  
 Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	220	J	ug/kg	1000	170	1
1,1-Dichloroethane	ND		ug/kg	160	28.	1
Chloroform	ND		ug/kg	160	38.	1
Carbon tetrachloride	ND		ug/kg	100	36.	1
1,2-Dichloropropane	ND		ug/kg	360	24.	1
Dibromochloromethane	ND		ug/kg	100	18.	1
1,1,2-Trichloroethane	ND		ug/kg	160	33.	1
Tetrachloroethene	ND		ug/kg	100	31.	1
Chlorobenzene	ND		ug/kg	100	36.	1
Trichlorofluoromethane	ND		ug/kg	520	43.	1
1,2-Dichloroethane	ND		ug/kg	100	26.	1
1,1,1-Trichloroethane	ND		ug/kg	100	36.	1
Bromodichloromethane	ND		ug/kg	100	32.	1
trans-1,3-Dichloropropene	ND		ug/kg	100	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	100	24.	1
1,3-Dichloropropene, Total	ND		ug/kg	100	22.	1
1,1-Dichloropropene	ND		ug/kg	520	34.	1
Bromoform	ND		ug/kg	420	25.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	31.	1
Benzene	260		ug/kg	100	20.	1
Toluene	57	J	ug/kg	160	20.	1
Ethylbenzene	25	J	ug/kg	100	18.	1
Chloromethane	ND		ug/kg	520	45.	1
Bromomethane	ND		ug/kg	210	35.	1
Vinyl chloride	ND		ug/kg	210	33.	1
Chloroethane	ND		ug/kg	210	33.	1
1,1-Dichloroethene	ND		ug/kg	100	39.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	25.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-10  
**Client ID:** EB01\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	100	31.	1
1,2-Dichlorobenzene	ND		ug/kg	520	19.	1
1,3-Dichlorobenzene	ND		ug/kg	520	23.	1
1,4-Dichlorobenzene	ND		ug/kg	520	19.	1
Methyl tert butyl ether	ND		ug/kg	210	16.	1
p/m-Xylene	140	J	ug/kg	210	36.	1
o-Xylene	ND		ug/kg	210	35.	1
Xylenes, Total	140	J	ug/kg	210	35.	1
cis-1,2-Dichloroethene	ND		ug/kg	100	36.	1
1,2-Dichloroethene, Total	ND		ug/kg	100	25.	1
Dibromomethane	ND		ug/kg	1000	25.	1
Styrene	ND		ug/kg	210	42.	1
Dichlorodifluoromethane	ND		ug/kg	1000	52.	1
Acetone	ND		ug/kg	1000	240	1
Carbon disulfide	ND		ug/kg	1000	110	1
2-Butanone	ND		ug/kg	1000	72.	1
Vinyl acetate	ND		ug/kg	1000	16.	1
4-Methyl-2-pentanone	ND		ug/kg	1000	25.	1
1,2,3-Trichloropropane	ND		ug/kg	1000	18.	1
2-Hexanone	ND		ug/kg	1000	69.	1
Bromochloromethane	ND		ug/kg	520	37.	1
2,2-Dichloropropane	ND		ug/kg	520	47.	1
1,2-Dibromoethane	ND		ug/kg	420	21.	1
1,3-Dichloropropane	ND		ug/kg	520	19.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	100	33.	1
Bromobenzene	ND		ug/kg	520	23.	1
n-Butylbenzene	ND		ug/kg	100	24.	1
sec-Butylbenzene	54	J	ug/kg	100	23.	1
tert-Butylbenzene	38	J	ug/kg	520	26.	1
o-Chlorotoluene	ND		ug/kg	520	23.	1
p-Chlorotoluene	ND		ug/kg	520	19.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	520	41.	1
Hexachlorobutadiene	ND		ug/kg	520	36.	1
Isopropylbenzene	26	J	ug/kg	100	20.	1
p-Isopropyltoluene	ND		ug/kg	100	21.	1
Naphthalene	330	J	ug/kg	520	14.	1
Acrylonitrile	ND		ug/kg	1000	54.	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-10  
**Client ID:** EB01\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
n-Propylbenzene	38	J	ug/kg	100	22.	1
1,2,3-Trichlorobenzene	ND		ug/kg	520	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	520	22.	1
1,3,5-Trimethylbenzene	18	J	ug/kg	520	17.	1
1,2,4-Trimethylbenzene	ND		ug/kg	520	19.	1
1,4-Dioxane	ND		ug/kg	4200	1500	1
p-Diethylbenzene	ND		ug/kg	420	420	1
p-Ethyltoluene	50	J	ug/kg	420	24.	1
1,2,4,5-Tetramethylbenzene	42	J	ug/kg	420	16.	1
Ethyl ether	ND		ug/kg	520	27.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	520	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	<b>161</b>	Q	70-130
Dibromofluoromethane	105		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-11  
 Client ID: EB04\_6-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:40  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 13:34  
 Analyst: JC  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	14	2.4	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.39	1
Chloroform	ND		ug/kg	2.1	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.49	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.45	1
Tetrachloroethene	ND		ug/kg	1.4	0.43	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.2	0.60	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	2.7		ug/kg	1.4	0.50	1
Bromodichloromethane	ND		ug/kg	1.4	0.44	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.33	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.30	1
1,1-Dichloropropene	ND		ug/kg	7.2	0.47	1
Bromoform	ND		ug/kg	5.7	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Benzene	ND		ug/kg	1.4	0.28	1
Toluene	ND		ug/kg	2.1	0.28	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.2	0.62	1
Bromomethane	ND		ug/kg	2.9	0.48	1
Vinyl chloride	ND		ug/kg	2.9	0.45	1
Chloroethane	ND		ug/kg	2.9	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.4	0.43	1
1,2-Dichlorobenzene	ND		ug/kg	7.2	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.2	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.22	1
p/m-Xylene	ND		ug/kg	2.9	0.50	1
o-Xylene	ND		ug/kg	2.9	0.48	1
Xylenes, Total	ND		ug/kg	2.9	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.49	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.34	1
Dibromomethane	ND		ug/kg	14	0.34	1
Styrene	ND		ug/kg	2.9	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.72	1
Acetone	ND		ug/kg	14	3.3	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.99	1
Vinyl acetate	ND		ug/kg	14	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
2-Hexanone	ND		ug/kg	14	0.95	1
Bromochloromethane	ND		ug/kg	7.2	0.51	1
2,2-Dichloropropane	ND		ug/kg	7.2	0.64	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.46	1
Bromobenzene	ND		ug/kg	7.2	0.31	1
n-Butylbenzene	ND		ug/kg	1.4	0.33	1
sec-Butylbenzene	ND		ug/kg	1.4	0.31	1
tert-Butylbenzene	ND		ug/kg	7.2	0.35	1
o-Chlorotoluene	ND		ug/kg	7.2	0.32	1
p-Chlorotoluene	ND		ug/kg	7.2	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.2	0.57	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.50	1
Isopropylbenzene	ND		ug/kg	1.4	0.28	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.29	1
Naphthalene	ND		ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.2	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.27	1
1,4-Dioxane	ND		ug/kg	57	21.	1
p-Diethylbenzene	ND		ug/kg	5.7	5.7	1
p-Ethyltoluene	ND		ug/kg	5.7	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	0.22	1
Ethyl ether	ND		ug/kg	7.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-12  
 Client ID: EB04\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 14:00  
 Analyst: MV  
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	16	2.6	1
1,1-Dichloroethane	0.57	J	ug/kg	2.3	0.42	1
Chloroform	1.1	J	ug/kg	2.3	0.58	1
Carbon tetrachloride	0.95	J	ug/kg	1.6	0.54	1
1,2-Dichloropropane	ND		ug/kg	5.4	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.49	1
Tetrachloroethene	0.58	J	ug/kg	1.6	0.47	1
Chlorobenzene	ND		ug/kg	1.6	0.54	1
Trichlorofluoromethane	ND		ug/kg	7.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.38	1
1,1,1-Trichloroethane	13		ug/kg	1.6	0.54	1
Bromodichloromethane	ND		ug/kg	1.6	0.48	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.36	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.32	1
1,1-Dichloropropene	ND		ug/kg	7.8	0.51	1
Bromoform	ND		ug/kg	6.2	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.46	1
Benzene	ND		ug/kg	1.6	0.30	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.6	0.26	1
Chloromethane	ND		ug/kg	7.8	0.68	1
Bromomethane	ND		ug/kg	3.1	0.53	1
Vinyl chloride	ND		ug/kg	3.1	0.49	1
Chloroethane	ND		ug/kg	3.1	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.58	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.38	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-12  
**Client ID:** EB04\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	1.6	0.47	1
1,2-Dichlorobenzene	ND		ug/kg	7.8	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	7.8	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	7.8	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.24	1
p/m-Xylene	ND		ug/kg	3.1	0.55	1
o-Xylene	ND		ug/kg	3.1	0.53	1
Xylenes, Total	ND		ug/kg	3.1	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.53	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.38	1
Dibromomethane	ND		ug/kg	16	0.37	1
Styrene	ND		ug/kg	3.1	0.62	1
Dichlorodifluoromethane	ND		ug/kg	16	0.78	1
Acetone	57		ug/kg	16	3.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	3.9	J	ug/kg	16	1.1	1
Vinyl acetate	ND		ug/kg	16	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.28	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.8	0.56	1
2,2-Dichloropropane	ND		ug/kg	7.8	0.70	1
1,2-Dibromoethane	ND		ug/kg	6.2	0.31	1
1,3-Dichloropropane	ND		ug/kg	7.8	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.8	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.36	1
sec-Butylbenzene	ND		ug/kg	1.6	0.34	1
tert-Butylbenzene	ND		ug/kg	7.8	0.38	1
o-Chlorotoluene	ND		ug/kg	7.8	0.34	1
p-Chlorotoluene	ND		ug/kg	7.8	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.8	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.8	0.54	1
Isopropylbenzene	ND		ug/kg	1.6	0.30	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.31	1
Naphthalene	ND		ug/kg	7.8	0.21	1
Acrylonitrile	ND		ug/kg	16	0.80	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-12  
**Client ID:** EB04\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.33	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.8	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.8	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.8	0.25	1
1,2,4-Trimethylbenzene	0.33	J	ug/kg	7.8	0.29	1
1,4-Dioxane	ND		ug/kg	62	22.	1
p-Diethylbenzene	ND		ug/kg	6.2	6.2	1
p-Ethyltoluene	ND		ug/kg	6.2	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.2	0.24	1
Ethyl ether	ND		ug/kg	7.8	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-13  
 Client ID: EB05\_1-3  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:15  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 14:26  
 Analyst: MV  
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	24	4.0	1
1,1-Dichloroethane	0.85	J	ug/kg	3.6	0.65	1
Chloroform	16		ug/kg	3.6	0.89	1
Carbon tetrachloride	ND		ug/kg	2.4	0.83	1
1,2-Dichloropropane	ND		ug/kg	8.4	0.55	1
Dibromochloromethane	ND		ug/kg	2.4	0.42	1
1,1,2-Trichloroethane	ND		ug/kg	3.6	0.75	1
Tetrachloroethene	ND		ug/kg	2.4	0.73	1
Chlorobenzene	ND		ug/kg	2.4	0.84	1
Trichlorofluoromethane	ND		ug/kg	12	1.0	1
1,2-Dichloroethane	ND		ug/kg	2.4	0.59	1
1,1,1-Trichloroethane	36		ug/kg	2.4	0.84	1
Bromodichloromethane	2.0	J	ug/kg	2.4	0.74	1
trans-1,3-Dichloropropene	ND		ug/kg	2.4	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	2.4	0.56	1
1,3-Dichloropropene, Total	ND		ug/kg	2.4	0.50	1
1,1-Dichloropropene	ND		ug/kg	12	0.79	1
Bromoform	ND		ug/kg	9.6	0.57	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.4	0.72	1
Benzene	ND		ug/kg	2.4	0.46	1
Toluene	ND		ug/kg	3.6	0.47	1
Ethylbenzene	ND		ug/kg	2.4	0.41	1
Chloromethane	ND		ug/kg	12	1.0	1
Bromomethane	ND		ug/kg	4.8	0.81	1
Vinyl chloride	ND		ug/kg	4.8	0.76	1
Chloroethane	ND		ug/kg	4.8	0.76	1
1,1-Dichloroethene	ND		ug/kg	2.4	0.90	1
trans-1,2-Dichloroethene	ND		ug/kg	3.6	0.58	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-13  
**Client ID:** EB05\_1-3  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	2.4	0.73	1
1,2-Dichlorobenzene	ND		ug/kg	12	0.44	1
1,3-Dichlorobenzene	ND		ug/kg	12	0.52	1
1,4-Dichlorobenzene	ND		ug/kg	12	0.44	1
Methyl tert butyl ether	ND		ug/kg	4.8	0.37	1
p/m-Xylene	ND		ug/kg	4.8	0.84	1
o-Xylene	ND		ug/kg	4.8	0.81	1
Xylenes, Total	ND		ug/kg	4.8	0.81	1
cis-1,2-Dichloroethene	ND		ug/kg	2.4	0.82	1
1,2-Dichloroethene, Total	ND		ug/kg	2.4	0.58	1
Dibromomethane	ND		ug/kg	24	0.58	1
Styrene	ND		ug/kg	4.8	0.97	1
Dichlorodifluoromethane	ND		ug/kg	24	1.2	1
Acetone	13	J	ug/kg	24	5.5	1
Carbon disulfide	ND		ug/kg	24	2.6	1
2-Butanone	ND		ug/kg	24	1.7	1
Vinyl acetate	ND		ug/kg	24	0.37	1
4-Methyl-2-pentanone	ND		ug/kg	24	0.59	1
1,2,3-Trichloropropane	ND		ug/kg	24	0.43	1
2-Hexanone	ND		ug/kg	24	1.6	1
Bromochloromethane	ND		ug/kg	12	0.86	1
2,2-Dichloropropane	ND		ug/kg	12	1.1	1
1,2-Dibromoethane	ND		ug/kg	9.6	0.48	1
1,3-Dichloropropane	ND		ug/kg	12	0.44	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.4	0.77	1
Bromobenzene	ND		ug/kg	12	0.53	1
n-Butylbenzene	ND		ug/kg	2.4	0.55	1
sec-Butylbenzene	ND		ug/kg	2.4	0.52	1
tert-Butylbenzene	ND		ug/kg	12	0.60	1
o-Chlorotoluene	ND		ug/kg	12	0.53	1
p-Chlorotoluene	ND		ug/kg	12	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	0.95	1
Hexachlorobutadiene	ND		ug/kg	12	0.84	1
Isopropylbenzene	ND		ug/kg	2.4	0.47	1
p-Isopropyltoluene	ND		ug/kg	2.4	0.49	1
Naphthalene	0.38	J	ug/kg	12	0.33	1
Acrylonitrile	ND		ug/kg	24	1.2	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-13  
**Client ID:** EB05\_1-3  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.4	0.52	1
1,2,3-Trichlorobenzene	ND		ug/kg	12	0.60	1
1,2,4-Trichlorobenzene	ND		ug/kg	12	0.52	1
1,3,5-Trimethylbenzene	ND		ug/kg	12	0.39	1
1,2,4-Trimethylbenzene	ND		ug/kg	12	0.45	1
1,4-Dioxane	ND		ug/kg	96	35.	1
p-Diethylbenzene	ND		ug/kg	9.6	9.6	1
p-Ethyltoluene	ND		ug/kg	9.6	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	9.6	0.38	1
Ethyl ether	ND		ug/kg	12	0.63	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	0.94	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	146	Q	70-130
Dibromofluoromethane	121		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-14  
 Client ID: EB05\_7-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:20  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/18 14:53  
 Analyst: MV  
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	9.7	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.26	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.97	0.33	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.97	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	ND		ug/kg	0.97	0.29	1
Chlorobenzene	ND		ug/kg	0.97	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.40	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	0.34	1
Bromodichloromethane	ND		ug/kg	0.97	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.97	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.32	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	0.29	1
Benzene	ND		ug/kg	0.97	0.19	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.97	0.16	1
Chloromethane	ND		ug/kg	4.8	0.42	1
Bromomethane	ND		ug/kg	1.9	0.33	1
Vinyl chloride	ND		ug/kg	1.9	0.30	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.23	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.97	0.29	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.15	1
p/m-Xylene	ND		ug/kg	1.9	0.34	1
o-Xylene	ND		ug/kg	1.9	0.33	1
Xylenes, Total	ND		ug/kg	1.9	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.23	1
Dibromomethane	ND		ug/kg	9.7	0.23	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.48	1
Acetone	24		ug/kg	9.7	2.2	1
Carbon disulfide	ND		ug/kg	9.7	1.1	1
2-Butanone	3.3	J	ug/kg	9.7	0.67	1
Vinyl acetate	ND		ug/kg	9.7	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	0.17	1
2-Hexanone	ND		ug/kg	9.7	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.34	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.44	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.21	1
n-Butylbenzene	ND		ug/kg	0.97	0.22	1
sec-Butylbenzene	ND		ug/kg	0.97	0.21	1
tert-Butylbenzene	ND		ug/kg	4.8	0.24	1
o-Chlorotoluene	ND		ug/kg	4.8	0.21	1
p-Chlorotoluene	ND		ug/kg	4.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.34	1
Isopropylbenzene	ND		ug/kg	0.97	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.20	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.7	0.50	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	0.18	1
1,4-Dioxane	ND		ug/kg	39	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	3.9	1
p-Ethyltoluene	ND		ug/kg	3.9	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.15	1
Ethyl ether	ND		ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-15  
 Client ID: MW01\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:17  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 06/05/18 13:45  
 Analyst: MKS

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

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-15  
**Client ID:** MW01\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:17  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-15  
**Client ID:** MW01\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:17  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-16  
 Client ID: MW02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 14:52  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 06/06/18 02:09  
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	0.81	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.17	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-16  
**Client ID:** MW02\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 14:52  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

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

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-16  
**Client ID:** MW02\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 14:52  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-17  
 Client ID: MW03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:15  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 06/05/18 14:22  
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.68		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.27	J	ug/l	1.0	0.07	1
Chloroethane	13		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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-17  
**Client ID:** MW03\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:15  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.0	J	ug/l	2.5	0.70	1
p/m-Xylene	1.6	J	ug/l	2.5	0.70	1
o-Xylene	0.74	J	ug/l	2.5	0.70	1
Xylenes, Total	2.3	J	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	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.0		ug/l	2.5	0.70	1
sec-Butylbenzene	3.3		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	3.2		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	50		ug/l	2.5	0.70	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-17  
**Client ID:** MW03\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:15  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	5.9		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	2.3		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	12		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	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260C  
**Analytical Date:** 06/04/18 10:10  
**Analyst:** MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,06-08,10 Batch: WG1122220-5					
Methylene chloride	87	J	ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 10:10  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,06-08,10 Batch: WG1122220-5					
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
o-Chlorotoluene	ND		ug/kg	250	11.



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260C  
**Analytical Date:** 06/04/18 10:10  
**Analyst:** MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,06-08,10 Batch: WG1122220-5					
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
1,4-Dioxane	ND		ug/kg	2000	720
p-Diethylbenzene	ND		ug/kg	200	200
p-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 09:36  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 11-14 Batch: WG1122448-5					
Methylene chloride	1.7	J	ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	1.0	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 09:36  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 11-14 Batch: WG1122448-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	2.6	J	ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260C  
**Analytical Date:** 06/04/18 09:36  
**Analyst:** MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 11-14 Batch: WG1122448-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 20:59  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1122469-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	2.2		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 20:59  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1122469-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 20:59  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1122469-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 06/04/18 20:59

Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1122469-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 10:10  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1122539-5					
Methylene chloride	1.7	J	ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 10:10  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1122539-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/18 10:10  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1122539-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/05/18 08:51  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,17 Batch: WG1122737-5					
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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/05/18 08:51  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,17 Batch: WG1122737-5					
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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/05/18 08:51  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,17 Batch: WG1122737-5					
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 06/05/18 08:51  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,17 Batch: WG1122737-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/05/18 18:38  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1122975-5					
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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/05/18 18:38  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1122975-5					
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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/05/18 18:38  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1122975-5					
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 06/05/18 18:38  
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1122975-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,06-08,10 Batch: WG1122220-3 WG1122220-4								
Methylene chloride	109		100		70-130	9		30
1,1-Dichloroethane	103		98		70-130	5		30
Chloroform	109		113		70-130	4		30
Carbon tetrachloride	126		135	Q	70-130	7		30
1,2-Dichloropropane	91		85		70-130	7		30
Dibromochloromethane	115		110		70-130	4		30
1,1,2-Trichloroethane	99		92		70-130	7		30
Tetrachloroethene	106		94		70-130	12		30
Chlorobenzene	103		97		70-130	6		30
Trichlorofluoromethane	131		129		70-139	2		30
1,2-Dichloroethane	114		118		70-130	3		30
1,1,1-Trichloroethane	124		122		70-130	2		30
Bromodichloromethane	107		112		70-130	5		30
trans-1,3-Dichloropropene	102		98		70-130	4		30
cis-1,3-Dichloropropene	96		95		70-130	1		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	111		118		70-130	6		30
1,1,2,2-Tetrachloroethane	96		91		70-130	5		30
Benzene	96		91		70-130	5		30
Toluene	94		86		70-130	9		30
Ethylbenzene	100		94		70-130	6		30
Chloromethane	79		82		52-130	4		30
Bromomethane	121		110		57-147	10		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,06-08,10 Batch: WG1122220-3 WG1122220-4								
Vinyl chloride	88		88		67-130	0		30
Chloroethane	103		93		50-151	10		30
1,1-Dichloroethene	107		96		65-135	11		30
trans-1,2-Dichloroethene	107		95		70-130	12		30
Trichloroethene	105		102		70-130	3		30
1,2-Dichlorobenzene	108		100		70-130	8		30
1,3-Dichlorobenzene	109		100		70-130	9		30
1,4-Dichlorobenzene	107		100		70-130	7		30
Methyl tert butyl ether	109		112		66-130	3		30
p/m-Xylene	102		95		70-130	7		30
o-Xylene	100		99		70-130	1		30
cis-1,2-Dichloroethene	105		97		70-130	8		30
Dibromomethane	104		105		70-130	1		30
Styrene	101		107		70-130	6		30
Dichlorodifluoromethane	80		88		30-146	10		30
Acetone	98		92		54-140	6		30
Carbon disulfide	95		84		59-130	12		30
2-Butanone	85		91		70-130	7		30
Vinyl acetate	88		86		70-130	2		30
4-Methyl-2-pentanone	86		79		70-130	8		30
1,2,3-Trichloropropane	100		95		68-130	5		30
2-Hexanone	78		73		70-130	7		30
Bromochloromethane	118		116		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,06-08,10 Batch: WG1122220-3 WG1122220-4								
2,2-Dichloropropane	114		112		70-130	2		30
1,2-Dibromoethane	107		104		70-130	3		30
1,3-Dichloropropane	97		92		69-130	5		30
1,1,1,2-Tetrachloroethane	114		110		70-130	4		30
Bromobenzene	107		98		70-130	9		30
n-Butylbenzene	107		97		70-130	10		30
sec-Butylbenzene	106		96		70-130	10		30
tert-Butylbenzene	108		99		70-130	9		30
o-Chlorotoluene	106		98		70-130	8		30
p-Chlorotoluene	104		98		70-130	6		30
1,2-Dibromo-3-chloropropane	93		92		68-130	1		30
Hexachlorobutadiene	95		97		67-130	2		30
Isopropylbenzene	105		100		70-130	5		30
p-Isopropyltoluene	108		99		70-130	9		30
Naphthalene	88		98		70-130	11		30
Acrylonitrile	98		100		70-130	2		30
n-Propylbenzene	102		94		70-130	8		30
1,2,3-Trichlorobenzene	94		100		70-130	6		30
1,2,4-Trichlorobenzene	97		97		70-130	0		30
1,3,5-Trimethylbenzene	109		101		70-130	8		30
1,2,4-Trimethylbenzene	109		100		70-130	9		30
1,4-Dioxane	94		93		65-136	1		30
p-Diethylbenzene	105		96		70-130	9		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,06-08,10 Batch: WG1122220-3 WG1122220-4								
p-Ethyltoluene	102		93		70-130	9		30
1,2,4,5-Tetramethylbenzene	104		97		70-130	7		30
Ethyl ether	105		98		67-130	7		30
trans-1,4-Dichloro-2-butene	106		104		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	112		123		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	106		116		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 11-14 Batch: WG1122448-3 WG1122448-4								
Methylene chloride	118		116		70-130	2		30
1,1-Dichloroethane	111		110		70-130	1		30
Chloroform	119		123		70-130	3		30
Carbon tetrachloride	112		114		70-130	2		30
1,2-Dichloropropane	108		109		70-130	1		30
Dibromochloromethane	99		102		70-130	3		30
1,1,2-Trichloroethane	108		110		70-130	2		30
Tetrachloroethene	95		99		70-130	4		30
Chlorobenzene	100		102		70-130	2		30
Trichlorofluoromethane	<b>167</b>	Q	<b>169</b>	Q	70-139	1		30
1,2-Dichloroethane	119		119		70-130	0		30
1,1,1-Trichloroethane	117		116		70-130	1		30
Bromodichloromethane	116		116		70-130	0		30
trans-1,3-Dichloropropene	105		106		70-130	1		30
cis-1,3-Dichloropropene	115		114		70-130	1		30
1,1-Dichloropropene	117		116		70-130	1		30
Bromoform	93		95		70-130	2		30
1,1,1,2-Tetrachloroethane	98		99		70-130	1		30
Benzene	114		114		70-130	0		30
Toluene	100		100		70-130	0		30
Ethylbenzene	104		105		70-130	1		30
Chloromethane	91		89		52-130	2		30
Bromomethane	<b>164</b>	Q	<b>170</b>	Q	57-147	4		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 11-14 Batch: WG1122448-3 WG1122448-4								
Vinyl chloride	135	Q	135	Q	67-130	0		30
Chloroethane	176	Q	179	Q	50-151	2		30
1,1-Dichloroethene	109		110		65-135	1		30
trans-1,2-Dichloroethene	110		111		70-130	1		30
Trichloroethene	114		115		70-130	1		30
1,2-Dichlorobenzene	95		96		70-130	1		30
1,3-Dichlorobenzene	94		97		70-130	3		30
1,4-Dichlorobenzene	95		97		70-130	2		30
Methyl tert butyl ether	113		111		66-130	2		30
p/m-Xylene	104		106		70-130	2		30
o-Xylene	104		106		70-130	2		30
cis-1,2-Dichloroethene	112		112		70-130	0		30
Dibromomethane	118		117		70-130	1		30
Styrene	102		104		70-130	2		30
Dichlorodifluoromethane	100		98		30-146	2		30
Acetone	119		114		54-140	4		30
Carbon disulfide	104		103		59-130	1		30
2-Butanone	95		94		70-130	1		30
Vinyl acetate	115		112		70-130	3		30
4-Methyl-2-pentanone	88		92		70-130	4		30
1,2,3-Trichloropropane	97		97		68-130	0		30
2-Hexanone	85		85		70-130	0		30
Bromochloromethane	112		115		70-130	3		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 11-14 Batch: WG1122448-3 WG1122448-4								
2,2-Dichloropropane	119		119		70-130	0		30
1,2-Dibromoethane	101		102		70-130	1		30
1,3-Dichloropropane	103		104		69-130	1		30
1,1,1,2-Tetrachloroethane	98		102		70-130	4		30
Bromobenzene	92		93		70-130	1		30
n-Butylbenzene	107		107		70-130	0		30
sec-Butylbenzene	101		102		70-130	1		30
tert-Butylbenzene	96		98		70-130	2		30
o-Chlorotoluene	95		98		70-130	3		30
p-Chlorotoluene	96		96		70-130	0		30
1,2-Dibromo-3-chloropropane	87		87		68-130	0		30
Hexachlorobutadiene	80		82		67-130	2		30
Isopropylbenzene	99		98		70-130	1		30
p-Isopropyltoluene	98		98		70-130	0		30
Naphthalene	88		90		70-130	2		30
Acrylonitrile	101		100		70-130	1		30
n-Propylbenzene	102		104		70-130	2		30
1,2,3-Trichlorobenzene	88		89		70-130	1		30
1,2,4-Trichlorobenzene	88		89		70-130	1		30
1,3,5-Trimethylbenzene	98		99		70-130	1		30
1,2,4-Trimethylbenzene	97		98		70-130	1		30
1,4-Dioxane	98		99		65-136	1		30
p-Diethylbenzene	97		99		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 11-14 Batch: WG1122448-3 WG1122448-4								
p-Ethyltoluene	98		99		70-130	1		30
1,2,4,5-Tetramethylbenzene	96		96		70-130	0		30
Ethyl ether	129		130		67-130	1		30
trans-1,4-Dichloro-2-butene	105		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	102		104		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1122469-3 WG1122469-4								
Methylene chloride	105		103		70-130	2		30
1,1-Dichloroethane	100		96		70-130	4		30
Chloroform	97		96		70-130	1		30
Carbon tetrachloride	100		100		70-130	0		30
1,2-Dichloropropane	104		101		70-130	3		30
Dibromochloromethane	91		90		70-130	1		30
1,1,2-Trichloroethane	98		92		70-130	6		30
Tetrachloroethene	129		111		70-130	15		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	101		110		70-139	9		30
1,2-Dichloroethane	82		80		70-130	2		30
1,1,1-Trichloroethane	98		98		70-130	0		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	95		86		70-130	10		30
cis-1,3-Dichloropropene	111		104		70-130	7		30
1,1-Dichloropropene	106		103		70-130	3		30
Bromoform	89		90		70-130	1		30
1,1,2,2-Tetrachloroethane	97		97		70-130	0		30
Benzene	107		102		70-130	5		30
Toluene	123		100		70-130	21		30
Ethylbenzene	100		98		70-130	2		30
Chloromethane	110		119		52-130	8		30
Bromomethane	115		126		57-147	9		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1122469-3 WG1122469-4								
Vinyl chloride	107		122		67-130	13		30
Chloroethane	89		98		50-151	10		30
1,1-Dichloroethene	122		135		65-135	10		30
trans-1,2-Dichloroethene	112		110		70-130	2		30
Trichloroethene	104		102		70-130	2		30
1,2-Dichlorobenzene	101		100		70-130	1		30
1,3-Dichlorobenzene	101		100		70-130	1		30
1,4-Dichlorobenzene	98		97		70-130	1		30
Methyl tert butyl ether	101		100		66-130	1		30
p/m-Xylene	104		102		70-130	2		30
o-Xylene	101		104		70-130	3		30
cis-1,2-Dichloroethene	111		108		70-130	3		30
Dibromomethane	92		91		70-130	1		30
Styrene	101		102		70-130	1		30
Dichlorodifluoromethane	82		92		30-146	11		30
Acetone	92		86		54-140	7		30
Carbon disulfide	111		122		59-130	9		30
2-Butanone	84		88		70-130	5		30
Vinyl acetate	83		78		70-130	6		30
4-Methyl-2-pentanone	108		91		70-130	17		30
1,2,3-Trichloropropane	90		89		68-130	1		30
2-Hexanone	82		79		70-130	4		30
Bromochloromethane	110		111		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1122469-3 WG1122469-4									
2,2-Dichloropropane	98		95		70-130		3		30
1,2-Dibromoethane	96		96		70-130		0		30
1,3-Dichloropropane	98		97		69-130		1		30
1,1,1,2-Tetrachloroethane	101		99		70-130		2		30
Bromobenzene	106		104		70-130		2		30
n-Butylbenzene	95		94		70-130		1		30
sec-Butylbenzene	99		97		70-130		2		30
tert-Butylbenzene	101		99		70-130		2		30
o-Chlorotoluene	92		91		70-130		1		30
p-Chlorotoluene	97		91		70-130		6		30
1,2-Dibromo-3-chloropropane	97		95		68-130		2		30
Hexachlorobutadiene	114		112		67-130		2		30
Isopropylbenzene	100		99		70-130		1		30
p-Isopropyltoluene	103		101		70-130		2		30
Naphthalene	108		107		70-130		1		30
Acrylonitrile	99		94		70-130		5		30
n-Propylbenzene	99		97		70-130		2		30
1,2,3-Trichlorobenzene	110		107		70-130		3		30
1,2,4-Trichlorobenzene	114		111		70-130		3		30
1,3,5-Trimethylbenzene	99		97		70-130		2		30
1,2,4-Trimethylbenzene	100		98		70-130		2		30
1,4-Dioxane	105		104		65-136		1		30
p-Diethylbenzene	105		103		70-130		2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1122469-3 WG1122469-4								
p-Ethyltoluene	101		100		70-130	1		30
1,2,4,5-Tetramethylbenzene	103		102		70-130	1		30
Ethyl ether	97		109		67-130	12		30
trans-1,4-Dichloro-2-butene	78		76		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	79		78		70-130
Toluene-d8	116		97		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	97		99		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1122539-3 WG1122539-4								
Methylene chloride	109		100		70-130	9		30
1,1-Dichloroethane	103		98		70-130	5		30
Chloroform	109		113		70-130	4		30
Carbon tetrachloride	126		135	Q	70-130	7		30
1,2-Dichloropropane	91		85		70-130	7		30
Dibromochloromethane	115		110		70-130	4		30
1,1,2-Trichloroethane	99		92		70-130	7		30
Tetrachloroethene	106		94		70-130	12		30
Chlorobenzene	103		97		70-130	6		30
Trichlorofluoromethane	131		129		70-139	2		30
1,2-Dichloroethane	114		118		70-130	3		30
1,1,1-Trichloroethane	124		122		70-130	2		30
Bromodichloromethane	107		112		70-130	5		30
trans-1,3-Dichloropropene	102		98		70-130	4		30
cis-1,3-Dichloropropene	96		95		70-130	1		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	111		118		70-130	6		30
1,1,2,2-Tetrachloroethane	96		91		70-130	5		30
Benzene	96		91		70-130	5		30
Toluene	94		86		70-130	9		30
Ethylbenzene	100		94		70-130	6		30
Chloromethane	79		82		52-130	4		30
Bromomethane	121		110		57-147	10		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1122539-3 WG1122539-4								
Vinyl chloride	88		88		67-130	0		30
Chloroethane	103		93		50-151	10		30
1,1-Dichloroethene	107		96		65-135	11		30
trans-1,2-Dichloroethene	107		95		70-130	12		30
Trichloroethene	105		102		70-130	3		30
1,2-Dichlorobenzene	108		100		70-130	8		30
1,3-Dichlorobenzene	109		100		70-130	9		30
1,4-Dichlorobenzene	107		100		70-130	7		30
Methyl tert butyl ether	109		112		66-130	3		30
p/m-Xylene	102		95		70-130	7		30
o-Xylene	100		99		70-130	1		30
cis-1,2-Dichloroethene	105		97		70-130	8		30
Dibromomethane	104		105		70-130	1		30
Styrene	101		107		70-130	6		30
Dichlorodifluoromethane	80		88		30-146	10		30
Acetone	98		92		54-140	6		30
Carbon disulfide	95		84		59-130	12		30
2-Butanone	85		91		70-130	7		30
Vinyl acetate	88		86		70-130	2		30
4-Methyl-2-pentanone	86		79		70-130	8		30
1,2,3-Trichloropropane	100		95		68-130	5		30
2-Hexanone	78		73		70-130	7		30
Bromochloromethane	118		116		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1122539-3 WG1122539-4									
2,2-Dichloropropane	114		112		70-130		2		30
1,2-Dibromoethane	107		104		70-130		3		30
1,3-Dichloropropane	97		92		69-130		5		30
1,1,1,2-Tetrachloroethane	114		110		70-130		4		30
Bromobenzene	107		98		70-130		9		30
n-Butylbenzene	107		97		70-130		10		30
sec-Butylbenzene	106		96		70-130		10		30
tert-Butylbenzene	108		99		70-130		9		30
o-Chlorotoluene	106		98		70-130		8		30
p-Chlorotoluene	104		98		70-130		6		30
1,2-Dibromo-3-chloropropane	93		92		68-130		1		30
Hexachlorobutadiene	95		97		67-130		2		30
Isopropylbenzene	105		100		70-130		5		30
p-Isopropyltoluene	108		99		70-130		9		30
Naphthalene	88		98		70-130		11		30
Acrylonitrile	98		100		70-130		2		30
n-Propylbenzene	102		94		70-130		8		30
1,2,3-Trichlorobenzene	94		100		70-130		6		30
1,2,4-Trichlorobenzene	97		97		70-130		0		30
1,3,5-Trimethylbenzene	109		101		70-130		8		30
1,2,4-Trimethylbenzene	109		100		70-130		9		30
1,4-Dioxane	94		93		65-136		1		30
p-Diethylbenzene	105		96		70-130		9		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1122539-3 WG1122539-4								
p-Ethyltoluene	102		93		70-130	9		30
1,2,4,5-Tetramethylbenzene	104		97		70-130	7		30
Ethyl ether	105		98		67-130	7		30
trans-1,4-Dichloro-2-butene	106		104		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	112		123		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	107		116		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,17 Batch: WG1122737-3 WG1122737-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	95		97		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	94		98		70-130	4		20
Chlorobenzene	98		99		75-130	1		20
Trichlorofluoromethane	98		110		62-150	12		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	99		97		70-130	2		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	92		90		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		110		70-130	10		20
Toluene	97		98		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	73		74		64-130	1		20
Bromomethane	78		85		39-139	9		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,17 Batch: WG1122737-3 WG1122737-4								
Vinyl chloride	86		91		55-140	6		20
Chloroethane	99		100		55-138	1		20
1,1-Dichloroethene	99		100		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	98		98		70-130	0		20
1,4-Dichlorobenzene	97		97		70-130	0		20
Methyl tert butyl ether	93		97		63-130	4		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	98		96		64-130	2		20
Acrylonitrile	110		110		70-130	0		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	76		84		36-147	10		20
Acetone	120		120		58-148	0		20
Carbon disulfide	98		100		51-130	2		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	120		110		70-130	9		20
4-Methyl-2-pentanone	100		98		59-130	2		20
2-Hexanone	100		100		57-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,17 Batch: WG1122737-3 WG1122737-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	100		98		70-130	2		20
1,1,1,2-Tetrachloroethane	98		99		64-130	1		20
Bromobenzene	95		95		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	97		99		70-130	2		20
tert-Butylbenzene	96		96		70-130	0		20
o-Chlorotoluene	95		96		70-130	1		20
p-Chlorotoluene	97		96		70-130	1		20
1,2-Dibromo-3-chloropropane	96		96		41-144	0		20
Hexachlorobutadiene	100		110		63-130	10		20
Isopropylbenzene	97		97		70-130	0		20
p-Isopropyltoluene	97		99		70-130	2		20
Naphthalene	<b>140</b>	Q	<b>150</b>	Q	70-130	7		20
n-Propylbenzene	98		99		69-130	1		20
1,2,3-Trichlorobenzene	<b>190</b>	Q	<b>210</b>	Q	70-130	10		20
1,2,4-Trichlorobenzene	110		120		70-130	9		20
1,3,5-Trimethylbenzene	97		97		64-130	0		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
1,4-Dioxane	134		148		56-162	10		20
p-Diethylbenzene	100		100		70-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,17 Batch: WG1122737-3 WG1122737-4								
p-Ethyltoluene	98		98		70-130	0		20
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	88		86		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		109		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	104		106		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1122975-3 WG1122975-4								
Methylene chloride	94		98		70-130	4		20
1,1-Dichloroethane	94		99		70-130	5		20
Chloroform	96		100		70-130	4		20
Carbon tetrachloride	93		99		63-132	6		20
1,2-Dichloropropane	96		100		70-130	4		20
Dibromochloromethane	80		83		63-130	4		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	94		99		70-130	5		20
Chlorobenzene	95		99		75-130	4		20
Trichlorofluoromethane	93		96		62-150	3		20
1,2-Dichloroethane	95		97		70-130	2		20
1,1,1-Trichloroethane	94		100		67-130	6		20
Bromodichloromethane	93		97		67-130	4		20
trans-1,3-Dichloropropene	84		88		70-130	5		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
1,1-Dichloropropene	95		100		70-130	5		20
Bromoform	72		76		54-136	5		20
1,1,2,2-Tetrachloroethane	93		98		67-130	5		20
Benzene	97		100		70-130	3		20
Toluene	96		100		70-130	4		20
Ethylbenzene	96		100		70-130	4		20
Chloromethane	89		93		64-130	4		20
Bromomethane	49		66		39-139	30	Q	20



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1122975-3 WG1122975-4								
Vinyl chloride	93		98		55-140	5		20
Chloroethane	97		99		55-138	2		20
1,1-Dichloroethene	92		97		61-145	5		20
trans-1,2-Dichloroethene	94		100		70-130	6		20
Trichloroethene	94		97		70-130	3		20
1,2-Dichlorobenzene	95		100		70-130	5		20
1,3-Dichlorobenzene	94		100		70-130	6		20
1,4-Dichlorobenzene	94		99		70-130	5		20
Methyl tert butyl ether	94		98		63-130	4		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	95		100		70-130	5		20
Dibromomethane	94		98		70-130	4		20
1,2,3-Trichloropropane	95		90		64-130	5		20
Acrylonitrile	93		97		70-130	4		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	92		96		36-147	4		20
Acetone	86		89		58-148	3		20
Carbon disulfide	90		96		51-130	6		20
2-Butanone	92		96		63-138	4		20
Vinyl acetate	97		100		70-130	3		20
4-Methyl-2-pentanone	86		93		59-130	8		20
2-Hexanone	82		87		57-130	6		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1122975-3 WG1122975-4								
Bromochloromethane	98		100		70-130	2		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	94		96		70-130	2		20
1,3-Dichloropropane	96		98		70-130	2		20
1,1,1,2-Tetrachloroethane	94		97		64-130	3		20
Bromobenzene	94		98		70-130	4		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	98		100		70-130	2		20
tert-Butylbenzene	98		100		70-130	2		20
o-Chlorotoluene	95		100		70-130	5		20
p-Chlorotoluene	95		100		70-130	5		20
1,2-Dibromo-3-chloropropane	70		76		41-144	8		20
Hexachlorobutadiene	96		110		63-130	14		20
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	78		88		70-130	12		20
n-Propylbenzene	97		100		69-130	3		20
1,2,3-Trichlorobenzene	88		100		70-130	13		20
1,2,4-Trichlorobenzene	91		100		70-130	9		20
1,3,5-Trimethylbenzene	98		100		64-130	2		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	88		120		56-162	31	Q	20
p-Diethylbenzene	99		100		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1122975-3 WG1122975-4								
p-Ethyltoluene	99		100		70-130	1		20
1,2,4,5-Tetramethylbenzene	93		99		70-130	6		20
Ethyl ether	97		99		59-134	2		20
trans-1,4-Dichloro-2-butene	70		82		70-130	16		20

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

# SEMIVOLATILES

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 05:53  
**Analyst:** DV  
**Percent Solids:** 86%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	29	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	450		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	150	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	240		ug/kg	110	22.	1
Benzo(a)pyrene	200		ug/kg	150	47.	1
Benzo(b)fluoranthene	300		ug/kg	110	32.	1
Benzo(k)fluoranthene	83	J	ug/kg	110	31.	1
Chrysene	380		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	78	J	ug/kg	110	37.	1
Benzo(ghi)perylene	170		ug/kg	150	22.	1
Fluorene	34	J	ug/kg	190	19.	1
Phenanthrene	530		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	27.	1
Pyrene	430		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	35	J	ug/kg	190	18.	1
2-Methylnaphthalene	130	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	84	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-01  
 Client ID: EB02\_1-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 08:25  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	520	J	ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	38	J	ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	75		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 02:55  
**Analyst:** DV  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**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	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	86		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 02:30  
**Analyst:** DV  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	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	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	220		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	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	35	J	ug/kg	190	18.	1
Phenanthrene	54	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
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	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	20	J	ug/kg	190	18.	1
2-Methylnaphthalene	430		ug/kg	230	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	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	34	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	94		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 03:46  
**Analyst:** DV  
**Percent Solids:** 62%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	210	27.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	30.	1
Hexachlorobenzene	ND		ug/kg	160	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	35.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
1,2-Dichlorobenzene	ND		ug/kg	260	47.	1
1,3-Dichlorobenzene	ND		ug/kg	260	45.	1
1,4-Dichlorobenzene	ND		ug/kg	260	46.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	69.	1
2,4-Dinitrotoluene	ND		ug/kg	260	52.	1
2,6-Dinitrotoluene	ND		ug/kg	260	45.	1
Fluoranthene	ND		ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	310	45.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	750	240	1
Hexachloroethane	ND		ug/kg	210	42.	1
Isophorone	ND		ug/kg	240	34.	1
Naphthalene	ND		ug/kg	260	32.	1
Nitrobenzene	ND		ug/kg	240	39.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	40.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	260	90.	1
Butyl benzyl phthalate	ND		ug/kg	260	66.	1
Di-n-butylphthalate	ND		ug/kg	260	50.	1
Di-n-octylphthalate	ND		ug/kg	260	89.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	55.	1
Benzo(a)anthracene	ND		ug/kg	160	29.	1
Benzo(a)pyrene	ND		ug/kg	210	64.	1
Benzo(b)fluoranthene	ND		ug/kg	160	44.	1
Benzo(k)fluoranthene	ND		ug/kg	160	42.	1
Chrysene	ND		ug/kg	160	27.	1
Acenaphthylene	ND		ug/kg	210	40.	1
Anthracene	ND		ug/kg	160	51.	1
Benzo(ghi)perylene	ND		ug/kg	210	31.	1
Fluorene	ND		ug/kg	260	25.	1
Phenanthrene	ND		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	210	36.	1
Pyrene	ND		ug/kg	160	26.	1
Biphenyl	ND		ug/kg	600	61.	1
4-Chloroaniline	ND		ug/kg	260	48.	1
2-Nitroaniline	ND		ug/kg	260	50.	1
3-Nitroaniline	ND		ug/kg	260	49.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	ND		ug/kg	260	25.	1
2-Methylnaphthalene	ND		ug/kg	310	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	27.	1
Acetophenone	ND		ug/kg	260	32.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	50.	1
p-Chloro-m-cresol	ND		ug/kg	260	39.	1
2-Chlorophenol	ND		ug/kg	260	31.	1
2,4-Dichlorophenol	ND		ug/kg	240	42.	1
2,4-Dimethylphenol	ND		ug/kg	260	86.	1
2-Nitrophenol	ND		ug/kg	560	98.	1
4-Nitrophenol	ND		ug/kg	360	110	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	680	120	1
Pentachlorophenol	ND		ug/kg	210	57.	1
Phenol	ND		ug/kg	260	39.	1
2-Methylphenol	ND		ug/kg	260	40.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	380	41.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-04  
 Client ID: EB03\_8-9  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:15  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	260	50.	1
Benzoic Acid	ND		ug/kg	850	260	1
Benzyl Alcohol	ND		ug/kg	260	80.	1
Carbazole	ND		ug/kg	260	25.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	85		18-120



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 06:18  
**Analyst:** DV  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	4600		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	23000	E	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	1700		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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	12000	E	ug/kg	120	23.	1
Benzo(a)pyrene	10000	E	ug/kg	160	50.	1
Benzo(b)fluoranthene	14000	E	ug/kg	120	34.	1
Benzo(k)fluoranthene	3900		ug/kg	120	32.	1
Chrysene	11000	E	ug/kg	120	21.	1
Acenaphthylene	140	J	ug/kg	160	31.	1
Anthracene	7800		ug/kg	120	40.	1
Benzo(ghi)perylene	5800		ug/kg	160	24.	1
Fluorene	3900		ug/kg	200	20.	1
Phenanthrene	25000	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	1400		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	6400		ug/kg	160	28.	1
Pyrene	19000	E	ug/kg	120	20.	1
Biphenyl	330	J	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	2500		ug/kg	200	19.	1
2-Methylnaphthalene	1200		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	96	J	ug/kg	290	32.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-05  
 Client ID: EB06\_0-1  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:35  
 Date Received: 05/30/18  
 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	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	3600		ug/kg	200	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	78		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-05 D  
 Client ID: EB06\_0-1  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:35  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/06/18 15:21  
 Analyst: EK  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	30000		ug/kg	1200	230	10
Benzo(a)anthracene	12000		ug/kg	1200	230	10
Benzo(a)pyrene	10000		ug/kg	1600	500	10
Benzo(b)fluoranthene	12000		ug/kg	1200	340	10
Chrysene	10000		ug/kg	1200	210	10
Phenanthrene	31000		ug/kg	1200	250	10
Pyrene	25000		ug/kg	1200	200	10

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-06  
 Client ID: EB06\_5-6  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:00  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/05/18 03:21  
 Analyst: DV  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	1000		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	100	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	5800		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-06  
**Client ID:** EB06\_5-6  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	34	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	340		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	2500		ug/kg	200	19.	1
Phenanthrene	4600		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	550		ug/kg	120	19.	1
Biphenyl	2800		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	200	35.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	940		ug/kg	200	18.	1
2-Methylnaphthalene	18000	E	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-06  
 Client ID: EB06\_5-6  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:00  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	93		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-06 D  
 Client ID: EB06\_5-6  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:00  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/06/18 16:10  
 Analyst: EK  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Methylnaphthalene	23000		ug/kg	1200	120	5



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 04:37  
**Analyst:** DV  
**Percent Solids:** 84%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	3100		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	570		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	18000	E	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	130		ug/kg	120	22.	1
Benzo(a)pyrene	53	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	71	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	190		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	960		ug/kg	120	39.	1
Benzo(ghi)perylene	33	J	ug/kg	160	23.	1
Fluorene	6200		ug/kg	200	19.	1
Phenanthrene	12000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	160	28.	1
Pyrene	2300		ug/kg	120	20.	1
Biphenyl	6100		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	1900		ug/kg	200	19.	1
2-Methylnaphthalene	44000	E	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	92		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-07 D  
 Client ID: EB06\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 12:00  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/06/18 15:45  
 Analyst: EK  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	18000		ug/kg	4000	480	20
Phenanthrene	13000		ug/kg	2400	480	20
2-Methylnaphthalene	67000		ug/kg	4800	480	20

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 06:44  
**Analyst:** DV  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	130	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	2200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	200		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	2400		ug/kg	110	21.	1
Benzo(a)pyrene	4800		ug/kg	150	45.	1
Benzo(b)fluoranthene	5000		ug/kg	110	31.	1
Benzo(k)fluoranthene	1700		ug/kg	110	30.	1
Chrysene	2300		ug/kg	110	19.	1
Acenaphthylene	76	J	ug/kg	150	29.	1
Anthracene	360		ug/kg	110	36.	1
Benzo(ghi)perylene	4800		ug/kg	150	22.	1
Fluorene	65	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	900		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4600		ug/kg	150	26.	1
Pyrene	2400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	100	J	ug/kg	180	18.	1
2-Methylnaphthalene	180	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-08  
 Client ID: EB01\_0-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:55  
 Date Received: 05/30/18  
 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	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	170	J	ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	82		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-09  
 Client ID: EB01\_6-7  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/05/18 07:09  
 Analyst: DV  
 Percent Solids: 83%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	220		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	69	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-09  
**Client ID:** EB01\_6-7  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	270		ug/kg	120	22.	1
Benzo(a)pyrene	280		ug/kg	160	48.	1
Benzo(b)fluoranthene	230		ug/kg	120	33.	1
Benzo(k)fluoranthene	71	J	ug/kg	120	32.	1
Chrysene	280		ug/kg	120	21.	1
Acenaphthylene	49	J	ug/kg	160	31.	1
Anthracene	75	J	ug/kg	120	39.	1
Benzo(ghi)perylene	600		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	180		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	59	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	160	28.	1
Pyrene	330		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	110	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-09  
 Client ID: EB01\_6-7  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	66		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-10  
**Client ID:** EB01\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 07:35  
**Analyst:** DV  
**Percent Solids:** 66%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	70	J	ug/kg	200	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	28.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
1,2-Dichlorobenzene	ND		ug/kg	250	45.	1
1,3-Dichlorobenzene	ND		ug/kg	250	43.	1
1,4-Dichlorobenzene	ND		ug/kg	250	43.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	66.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Fluoranthene	520		ug/kg	150	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	42.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	36.	1
Hexachlorocyclopentadiene	ND		ug/kg	710	220	1
Hexachloroethane	ND		ug/kg	200	40.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	110	J	ug/kg	250	30.	1
Nitrobenzene	ND		ug/kg	220	37.	1
NDPA/DPA	ND		ug/kg	200	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	38.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	86.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	47.	1
Di-n-octylphthalate	ND		ug/kg	250	84.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-10  
**Client ID:** EB01\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	52.	1
Benzo(a)anthracene	280		ug/kg	150	28.	1
Benzo(a)pyrene	270		ug/kg	200	61.	1
Benzo(b)fluoranthene	340		ug/kg	150	42.	1
Benzo(k)fluoranthene	100	J	ug/kg	150	40.	1
Chrysene	270		ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	38.	1
Anthracene	200		ug/kg	150	48.	1
Benzo(ghi)perylene	230		ug/kg	200	29.	1
Fluorene	110	J	ug/kg	250	24.	1
Phenanthrene	370		ug/kg	150	30.	1
Dibenzo(a,h)anthracene	55	J	ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	200	35.	1
Pyrene	500		ug/kg	150	25.	1
Biphenyl	ND		ug/kg	570	58.	1
4-Chloroaniline	ND		ug/kg	250	45.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	24.	1
2-Methylnaphthalene	110	J	ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	47.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	29.	1
2,4-Dichlorophenol	ND		ug/kg	220	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	82.	1
2-Nitrophenol	ND		ug/kg	540	93.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Pentachlorophenol	ND		ug/kg	200	55.	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	38.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	360	39.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-10  
 Client ID: EB01\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:25  
 Date Received: 05/30/18  
 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	250	48.	1
Benzoic Acid	ND		ug/kg	800	250	1
Benzyl Alcohol	ND		ug/kg	250	76.	1
Carbazole	ND		ug/kg	250	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	32		10-136
4-Terphenyl-d14	65		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 05:02  
**Analyst:** DV  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	31	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	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	640		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	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	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		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	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	400		ug/kg	110	21.	1
Benzo(a)pyrene	460		ug/kg	150	45.	1
Benzo(b)fluoranthene	580		ug/kg	110	31.	1
Benzo(k)fluoranthene	150		ug/kg	110	30.	1
Chrysene	390		ug/kg	110	19.	1
Acenaphthylene	41	J	ug/kg	150	29.	1
Anthracene	66	J	ug/kg	110	36.	1
Benzo(ghi)perylene	330		ug/kg	150	22.	1
Fluorene	22	J	ug/kg	190	18.	1
Phenanthrene	290		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	55	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	150	26.	1
Pyrene	630		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	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	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-11  
 Client ID: EB04\_6-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:40  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	23	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	58		18-120



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-12  
 Client ID: EB04\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/05/18 05:28  
 Analyst: DV  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	140		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	340		ug/kg	110	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	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	81	J	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-12  
**Client ID:** EB04\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	160		ug/kg	110	20.	1
Benzo(a)pyrene	270		ug/kg	140	44.	1
Benzo(b)fluoranthene	280		ug/kg	110	30.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	28.	1
Chrysene	150		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	180		ug/kg	110	35.	1
Benzo(ghi)perylene	410		ug/kg	140	21.	1
Fluorene	330		ug/kg	180	17.	1
Phenanthrene	150		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	49	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	140	25.	1
Pyrene	360		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	230		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-12  
 Client ID: EB04\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	63		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-13  
**Client ID:** EB05\_1-3  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 04:11  
**Analyst:** DV  
**Percent Solids:** 83%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-13  
**Client ID:** EB05\_1-3  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	39	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	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	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-13  
 Client ID: EB05\_1-3  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:15  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	80		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 02:04  
**Analyst:** DV  
**Percent Solids:** 83%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 01:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	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	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-14  
 Client ID: EB05\_7-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:20  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	19	Q	25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	10		10-136
4-Terphenyl-d14	65		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-15  
**Client ID:** MW01\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:17  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 04:34  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 06/02/18 01:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	4.8	0.63	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.64	1
1,2-Dichlorobenzene	ND		ug/l	1.9	0.70	1
1,3-Dichlorobenzene	ND		ug/l	1.9	0.66	1
1,4-Dichlorobenzene	ND		ug/l	1.9	0.67	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.80	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.66	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.5	1
Isophorone	ND		ug/l	4.8	0.57	1
Nitrobenzene	ND		ug/l	1.9	0.72	1
NDPA/DPA	ND		ug/l	1.9	0.61	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.67	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.8	0.87	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.66	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.60	1
Dimethyl phthalate	ND		ug/l	4.8	0.62	1
Biphenyl	ND		ug/l	1.9	0.72	1
4-Chloroaniline	ND		ug/l	4.8	0.60	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-15  
**Client ID:** MW01\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:17  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	1.9	0.62	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.5	0.64	1
Acetophenone	ND		ug/l	4.8	0.81	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.65	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.59	1
2-Chlorophenol	ND		ug/l	1.9	0.60	1
2,4-Dichlorophenol	ND		ug/l	4.8	0.73	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.5	1.4	1
4-Nitrophenol	ND		ug/l	9.5	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.2	1
4,6-Dinitro-o-cresol	ND		ug/l	9.5	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
2-Methylphenol	ND		ug/l	4.8	0.97	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.0	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.68	1
Benzoic Acid	ND		ug/l	48	12.	1
Benzyl Alcohol	ND		ug/l	1.9	0.69	1
Carbazole	ND		ug/l	1.9	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	72		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-15  
 Client ID: MW01\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:17  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/03/18 15:11  
 Analyst: KL

Extraction Method: EPA 3510C  
 Extraction Date: 06/02/18 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	0.22		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.27		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.03	1
Naphthalene	0.10		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	0.04	J	ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.03	1
Anthracene	0.16		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	0.28		ug/l	0.10	0.04	1
Phenanthrene	0.12		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.22		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.76	0.21	1
Hexachlorobenzene	ND		ug/l	0.76	0.03	1
Hexachloroethane	ND		ug/l	0.76	0.03	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-15  
 Client ID: MW01\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:17  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	69		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-16  
 Client ID: MW02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 14:52  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 06/05/18 01:34  
 Analyst: RC

Extraction Method: EPA 3510C  
 Extraction Date: 06/02/18 01:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	4.8	0.64	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
1,2-Dichlorobenzene	ND		ug/l	1.9	0.71	1
1,3-Dichlorobenzene	ND		ug/l	1.9	0.66	1
1,4-Dichlorobenzene	ND		ug/l	1.9	0.68	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.66	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-16  
**Client ID:** MW02\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 14:52  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.6	0.64	1
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.6	1.5	1
4-Nitrophenol	ND		ug/l	9.6	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.6	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
2-Methylphenol	ND		ug/l	4.8	0.98	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Benzoic Acid	ND		ug/l	48	12.	1
Benzyl Alcohol	ND		ug/l	1.9	0.70	1
Carbazole	ND		ug/l	1.9	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	56		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-16  
 Client ID: MW02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 14:52  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/03/18 15:37  
 Analyst: KL

Extraction Method: EPA 3510C  
 Extraction Date: 06/02/18 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.03	1
Anthracene	ND		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.77	0.21	1
Hexachlorobenzene	ND		ug/l	0.77	0.03	1
Hexachloroethane	ND		ug/l	0.77	0.03	1



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-16  
 Client ID: MW02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 14:52  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	58		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-17  
**Client ID:** MW03\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:15  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 02:26  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 06/02/18 01:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	4.9	0.65	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.66	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.72	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.68	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.70	1
3,3'-Dichlorobenzidine	ND		ug/l	4.9	1.4	1
2,4-Dinitrotoluene	ND		ug/l	4.9	0.83	1
2,6-Dinitrotoluene	ND		ug/l	4.9	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.72	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.69	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.9	0.62	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.7	1
Isophorone	ND		ug/l	4.9	0.59	1
Nitrobenzene	ND		ug/l	2.0	0.74	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.9	0.69	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.90	1
Butyl benzyl phthalate	ND		ug/l	4.9	1.2	1
Di-n-butylphthalate	ND		ug/l	4.9	0.68	1
Di-n-octylphthalate	ND		ug/l	4.9	1.1	1
Diethyl phthalate	ND		ug/l	4.9	0.62	1
Dimethyl phthalate	ND		ug/l	4.9	0.64	1
Biphenyl	ND		ug/l	2.0	0.75	1
4-Chloroaniline	ND		ug/l	4.9	0.62	1
2-Nitroaniline	ND		ug/l	4.9	1.1	1
3-Nitroaniline	ND		ug/l	4.9	1.2	1
4-Nitroaniline	ND		ug/l	4.9	1.3	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-17  
**Client ID:** MW03\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:15  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	1.9	J	ug/l	2.0	0.65	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.9	0.66	1
Acetophenone	ND		ug/l	4.9	0.84	1
2,4,6-Trichlorophenol	ND		ug/l	4.9	0.67	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.62	1
2,4-Dichlorophenol	ND		ug/l	4.9	0.76	1
2,4-Dimethylphenol	ND		ug/l	4.9	1.6	1
2-Nitrophenol	ND		ug/l	9.9	1.5	1
4-Nitrophenol	ND		ug/l	9.9	1.7	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	9.9	2.1	1
Phenol	ND		ug/l	4.9	1.9	1
2-Methylphenol	ND		ug/l	4.9	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.9	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.9	0.71	1
Benzoic Acid	ND		ug/l	49	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	0.68	J	ug/l	2.0	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	66		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-17  
 Client ID: MW03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:15  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/03/18 16:04  
 Analyst: KL

Extraction Method: EPA 3510C  
 Extraction Date: 06/02/18 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	2.3		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.20	0.03	1
Fluoranthene	0.10		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.49	0.04	1
Naphthalene	12		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	0.68		ug/l	0.10	0.03	1
Anthracene	0.38		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	4.3		ug/l	0.10	0.04	1
Phenanthrene	6.4		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.39		ug/l	0.10	0.04	1
2-Methylnaphthalene	38		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.79	0.22	1
Hexachlorobenzene	ND		ug/l	0.79	0.03	1
Hexachloroethane	ND		ug/l	0.79	0.03	1

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-17  
 Client ID: MW03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:15  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	62		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D-SIM  
**Analytical Date:** 06/03/18 11:11  
**Analyst:** KL

**Extraction Method:** EPA 3510C  
**Extraction Date:** 06/02/18 00:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 15-17 Batch: WG1121735-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

**Project Name:** 12 FRANKLIN STREET**Lab Number:** L1819838**Project Number:** 170467101**Report Date:** 06/06/18**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D-SIM

Extraction Method: EPA 3510C

Analytical Date: 06/03/18 11:11

Extraction Date: 06/02/18 00:30

Analyst: KL

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 15-17 Batch: WG1121735-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	75		41-149

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 00:48  
**Analyst:** DV

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1121736-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 00:48  
**Analyst:** DV

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1121736-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 06/05/18 00:48  
**Analyst:** DV

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 00:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1121736-1					
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	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	69		18-120

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 06/04/18 21:43  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 06/02/18 01:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15-17 Batch: WG1121740-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 06/04/18 21:43  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 06/02/18 01:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15-17 Batch: WG1121740-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 06/04/18 21:43  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 06/02/18 01:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15-17 Batch: WG1121740-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	18.8	J	ug/l
Unknown Ketone	18.8	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	78		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 15-17 Batch: WG1121735-2 WG1121735-3								
Acenaphthene	78		72		40-140	8		40
2-Chloronaphthalene	67		61		40-140	9		40
Fluoranthene	77		72		40-140	7		40
Hexachlorobutadiene	63		58		40-140	8		40
Naphthalene	67		61		40-140	9		40
Benzo(a)anthracene	69		66		40-140	4		40
Benzo(a)pyrene	71		67		40-140	6		40
Benzo(b)fluoranthene	70		64		40-140	9		40
Benzo(k)fluoranthene	77		72		40-140	7		40
Chrysene	73		70		40-140	4		40
Acenaphthylene	75		69		40-140	8		40
Anthracene	76		70		40-140	8		40
Benzo(ghi)perylene	75		70		40-140	7		40
Fluorene	81		75		40-140	8		40
Phenanthrene	72		67		40-140	7		40
Dibenzo(a,h)anthracene	79		74		40-140	7		40
Indeno(1,2,3-cd)pyrene	72		67		40-140	7		40
Pyrene	75		71		40-140	5		40
2-Methylnaphthalene	69		63		40-140	9		40
Pentachlorophenol	73		67		40-140	9		40
Hexachlorobenzene	82		77		40-140	6		40
Hexachloroethane	62		56		40-140	10		40

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

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-SIM - Westborough Lab Associated sample(s): 15-17 Batch: WG1121735-2 WG1121735-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	44		41		21-120
Phenol-d6	25		24		10-120
Nitrobenzene-d5	71		63		23-120
2-Fluorobiphenyl	73		65		15-120
2,4,6-Tribromophenol	81		75		10-120
4-Terphenyl-d14	73		70		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1121736-2 WG1121736-3								
Acenaphthene	70		77		31-137	10		50
1,2,4-Trichlorobenzene	66		71		38-107	7		50
Hexachlorobenzene	73		82		40-140	12		50
Bis(2-chloroethyl)ether	66		73		40-140	10		50
2-Chloronaphthalene	69		75		40-140	8		50
1,2-Dichlorobenzene	66		72		40-140	9		50
1,3-Dichlorobenzene	63		69		40-140	9		50
1,4-Dichlorobenzene	64		69		28-104	8		50
3,3'-Dichlorobenzidine	51		55		40-140	8		50
2,4-Dinitrotoluene	71		81		40-132	13		50
2,6-Dinitrotoluene	71		78		40-140	9		50
Fluoranthene	70		78		40-140	11		50
4-Chlorophenyl phenyl ether	70		79		40-140	12		50
4-Bromophenyl phenyl ether	75		84		40-140	11		50
Bis(2-chloroisopropyl)ether	66		72		40-140	9		50
Bis(2-chloroethoxy)methane	69		75		40-117	8		50
Hexachlorobutadiene	69		75		40-140	8		50
Hexachlorocyclopentadiene	45		52		40-140	14		50
Hexachloroethane	64		70		40-140	9		50
Isophorone	68		75		40-140	10		50
Naphthalene	67		73		40-140	9		50
Nitrobenzene	66		72		40-140	9		50
NDPA/DPA	71		80		36-157	12		50



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1121736-2 WG1121736-3								
n-Nitrosodi-n-propylamine	69		76		32-121	10		50
Bis(2-ethylhexyl)phthalate	74		83		40-140	11		50
Butyl benzyl phthalate	71		80		40-140	12		50
Di-n-butylphthalate	70		78		40-140	11		50
Di-n-octylphthalate	72		81		40-140	12		50
Diethyl phthalate	70		79		40-140	12		50
Dimethyl phthalate	71		80		40-140	12		50
Benzo(a)anthracene	71		78		40-140	9		50
Benzo(a)pyrene	70		77		40-140	10		50
Benzo(b)fluoranthene	69		77		40-140	11		50
Benzo(k)fluoranthene	72		80		40-140	11		50
Chrysene	69		76		40-140	10		50
Acenaphthylene	70		78		40-140	11		50
Anthracene	70		78		40-140	11		50
Benzo(ghi)perylene	70		78		40-140	11		50
Fluorene	69		78		40-140	12		50
Phenanthrene	70		77		40-140	10		50
Dibenzo(a,h)anthracene	71		79		40-140	11		50
Indeno(1,2,3-cd)pyrene	67		75		40-140	11		50
Pyrene	69		77		35-142	11		50
Biphenyl	72		79		54-104	9		50
4-Chloroaniline	68		73		40-140	7		50
2-Nitroaniline	71		80		47-134	12		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1121736-2 WG1121736-3								
3-Nitroaniline	55		62		26-129	12		50
4-Nitroaniline	68		76		41-125	11		50
Dibenzofuran	71		78		40-140	9		50
2-Methylnaphthalene	70		76		40-140	8		50
1,2,4,5-Tetrachlorobenzene	72		79		40-117	9		50
Acetophenone	69		75		14-144	8		50
2,4,6-Trichlorophenol	70		80		30-130	13		50
p-Chloro-m-cresol	71		80		26-103	12		50
2-Chlorophenol	68		73		25-102	7		50
2,4-Dichlorophenol	72		80		30-130	11		50
2,4-Dimethylphenol	72		79		30-130	9		50
2-Nitrophenol	67		74		30-130	10		50
4-Nitrophenol	72		80		11-114	11		50
2,4-Dinitrophenol	41		47		4-130	14		50
4,6-Dinitro-o-cresol	68		77		10-130	12		50
Pentachlorophenol	59		68		17-109	14		50
Phenol	68		75		26-90	10		50
2-Methylphenol	71		77		30-130.	8		50
3-Methylphenol/4-Methylphenol	74		81		30-130	9		50
2,4,5-Trichlorophenol	72		81		30-130	12		50
Benzoic Acid	36		40		10-110	11		50
Benzyl Alcohol	70		78		40-140	11		50
Carbazole	70		79		54-128	12		50

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

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
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1121736-2 WG1121736-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	66		71		25-120
Phenol-d6	68		73		10-120
Nitrobenzene-d5	65		70		23-120
2-Fluorobiphenyl	70		76		30-120
2,4,6-Tribromophenol	75		84		10-136
4-Terphenyl-d14	68		75		18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-17 Batch: WG1121740-2 WG1121740-3								
Acenaphthene	79		74		37-111	7		30
1,2,4-Trichlorobenzene	75		69		39-98	8		30
Hexachlorobenzene	77		69		40-140	11		30
Bis(2-chloroethyl)ether	79		75		40-140	5		30
2-Chloronaphthalene	81		72		40-140	12		30
1,2-Dichlorobenzene	73		68		40-140	7		30
1,3-Dichlorobenzene	71		67		40-140	6		30
1,4-Dichlorobenzene	72		67		36-97	7		30
3,3'-Dichlorobenzidine	71		63		40-140	12		30
2,4-Dinitrotoluene	104		94		48-143	10		30
2,6-Dinitrotoluene	104		90		40-140	14		30
Fluoranthene	84		76		40-140	10		30
4-Chlorophenyl phenyl ether	78		72		40-140	8		30
4-Bromophenyl phenyl ether	76		69		40-140	10		30
Bis(2-chloroisopropyl)ether	93		87		40-140	7		30
Bis(2-chloroethoxy)methane	83		76		40-140	9		30
Hexachlorobutadiene	70		66		40-140	6		30
Hexachlorocyclopentadiene	61		56		40-140	9		30
Hexachloroethane	74		69		40-140	7		30
Isophorone	87		78		40-140	11		30
Naphthalene	75		70		40-140	7		30
Nitrobenzene	85		80		40-140	6		30
NDPA/DPA	81		74		40-140	9		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-17 Batch: WG1121740-2 WG1121740-3								
n-Nitrosodi-n-propylamine	83		76		29-132	9		30
Bis(2-ethylhexyl)phthalate	94		85		40-140	10		30
Butyl benzyl phthalate	96		86		40-140	11		30
Di-n-butylphthalate	88		80		40-140	10		30
Di-n-octylphthalate	92		82		40-140	11		30
Diethyl phthalate	87		79		40-140	10		30
Dimethyl phthalate	86		74		40-140	15		30
Benzo(a)anthracene	83		75		40-140	10		30
Benzo(a)pyrene	78		72		40-140	8		30
Benzo(b)fluoranthene	81		72		40-140	12		30
Benzo(k)fluoranthene	76		72		40-140	5		30
Chrysene	84		77		40-140	9		30
Acenaphthylene	86		76		45-123	12		30
Anthracene	86		79		40-140	8		30
Benzo(ghi)perylene	82		74		40-140	10		30
Fluorene	82		76		40-140	8		30
Phenanthrene	81		75		40-140	8		30
Dibenzo(a,h)anthracene	80		72		40-140	11		30
Indeno(1,2,3-cd)pyrene	79		72		40-140	9		30
Pyrene	85		76		26-127	11		30
Biphenyl	84		74		40-140	13		30
4-Chloroaniline	83		66		40-140	23		30
2-Nitroaniline	104		91		52-143	13		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-17 Batch: WG1121740-2 WG1121740-3								
3-Nitroaniline	86		78		25-145	10		30
4-Nitroaniline	97		89		51-143	9		30
Dibenzofuran	79		74		40-140	7		30
2-Methylnaphthalene	80		74		40-140	8		30
1,2,4,5-Tetrachlorobenzene	77		70		2-134	10		30
Acetophenone	84		78		39-129	7		30
2,4,6-Trichlorophenol	82		74		30-130	10		30
p-Chloro-m-cresol	85		77		23-97	10		30
2-Chlorophenol	78		73		27-123	7		30
2,4-Dichlorophenol	85		77		30-130	10		30
2,4-Dimethylphenol	82		75		30-130	9		30
2-Nitrophenol	97		89		30-130	9		30
4-Nitrophenol	65		58		10-80	11		30
2,4-Dinitrophenol	80		74		20-130	8		30
4,6-Dinitro-o-cresol	104		92		20-164	12		30
Pentachlorophenol	66		61		9-103	8		30
Phenol	36		34		12-110	6		30
2-Methylphenol	76		71		30-130	7		30
3-Methylphenol/4-Methylphenol	80		72		30-130	11		30
2,4,5-Trichlorophenol	83		74		30-130	11		30
Benzoic Acid	0	Q	10		10-164	NC		30
Benzyl Alcohol	72		66		26-116	9		30
Carbazole	85		78		55-144	9		30

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

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
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-17 Batch: WG1121740-2 WG1121740-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	54		52		21-120
Phenol-d6	40		38		10-120
Nitrobenzene-d5	91		85		23-120
2-Fluorobiphenyl	80		73		15-120
2,4,6-Tribromophenol	82		73		10-120
4-Terphenyl-d14	81		74		41-149

# PCBS



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 13:03  
**Analyst:** KB  
**Percent Solids:** 86%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	37.3	4.23	1	A
Aroclor 1221	ND		ug/kg	37.3	5.68	1	A
Aroclor 1232	ND		ug/kg	37.3	3.67	1	A
Aroclor 1242	ND		ug/kg	37.3	4.56	1	A
Aroclor 1248	ND		ug/kg	37.3	4.18	1	A
Aroclor 1254	ND		ug/kg	37.3	3.04	1	A
Aroclor 1260	ND		ug/kg	37.3	3.89	1	A
Aroclor 1262	ND		ug/kg	37.3	3.07	1	A
Aroclor 1268	ND		ug/kg	37.3	2.64	1	A
PCBs, Total	ND		ug/kg	37.3	2.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	88		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 13:16  
**Analyst:** KB  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	40.1	4.55	1	A
Aroclor 1221	ND		ug/kg	40.1	6.10	1	A
Aroclor 1232	ND		ug/kg	40.1	3.95	1	A
Aroclor 1242	ND		ug/kg	40.1	4.91	1	A
Aroclor 1248	ND		ug/kg	40.1	4.50	1	A
Aroclor 1254	ND		ug/kg	40.1	3.27	1	A
Aroclor 1260	ND		ug/kg	40.1	4.19	1	A
Aroclor 1262	ND		ug/kg	40.1	3.30	1	A
Aroclor 1268	ND		ug/kg	40.1	2.84	1	A
PCBs, Total	ND		ug/kg	40.1	2.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	97		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 13:29  
**Analyst:** KB  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	37.3	4.23	1	A
Aroclor 1221	ND		ug/kg	37.3	5.68	1	A
Aroclor 1232	ND		ug/kg	37.3	3.67	1	A
Aroclor 1242	ND		ug/kg	37.3	4.57	1	A
Aroclor 1248	ND		ug/kg	37.3	4.19	1	A
Aroclor 1254	ND		ug/kg	37.3	3.04	1	A
Aroclor 1260	ND		ug/kg	37.3	3.90	1	A
Aroclor 1262	ND		ug/kg	37.3	3.07	1	A
Aroclor 1268	ND		ug/kg	37.3	2.64	1	A
PCBs, Total	ND		ug/kg	37.3	2.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	96		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 13:42  
**Analyst:** KB  
**Percent Solids:** 62%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	50.7	5.74	1	A
Aroclor 1221	ND		ug/kg	50.7	7.71	1	A
Aroclor 1232	ND		ug/kg	50.7	4.98	1	A
Aroclor 1242	ND		ug/kg	50.7	6.20	1	A
Aroclor 1248	ND		ug/kg	50.7	5.68	1	A
Aroclor 1254	ND		ug/kg	50.7	4.13	1	A
Aroclor 1260	ND		ug/kg	50.7	5.29	1	A
Aroclor 1262	ND		ug/kg	50.7	4.16	1	A
Aroclor 1268	ND		ug/kg	50.7	3.59	1	A
PCBs, Total	ND		ug/kg	50.7	3.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	75		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 13:55  
**Analyst:** KB  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	40.3	4.57	1	A
Aroclor 1221	ND		ug/kg	40.3	6.14	1	A
Aroclor 1232	ND		ug/kg	40.3	3.97	1	A
Aroclor 1242	ND		ug/kg	40.3	4.94	1	A
Aroclor 1248	ND		ug/kg	40.3	4.52	1	A
Aroclor 1254	ND		ug/kg	40.3	3.29	1	A
Aroclor 1260	ND		ug/kg	40.3	4.21	1	A
Aroclor 1262	ND		ug/kg	40.3	3.31	1	A
Aroclor 1268	ND		ug/kg	40.3	2.86	1	A
PCBs, Total	ND		ug/kg	40.3	2.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	82		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-06  
**Client ID:** EB06\_5-6  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 14:08  
**Analyst:** KB  
**Percent Solids:** 84%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	38.6	4.38	1	A
Aroclor 1221	ND		ug/kg	38.6	5.87	1	A
Aroclor 1232	ND		ug/kg	38.6	3.80	1	A
Aroclor 1242	ND		ug/kg	38.6	4.72	1	A
Aroclor 1248	ND		ug/kg	38.6	4.33	1	A
Aroclor 1254	ND		ug/kg	38.6	3.15	1	A
Aroclor 1260	ND		ug/kg	38.6	4.03	1	A
Aroclor 1262	ND		ug/kg	38.6	3.17	1	A
Aroclor 1268	ND		ug/kg	38.6	2.73	1	A
PCBs, Total	ND		ug/kg	38.6	2.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	108		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 14:21  
**Analyst:** KB  
**Percent Solids:** 84%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	39.4	4.47	1	A
Aroclor 1221	ND		ug/kg	39.4	6.00	1	A
Aroclor 1232	ND		ug/kg	39.4	3.88	1	A
Aroclor 1242	ND		ug/kg	39.4	4.82	1	A
Aroclor 1248	ND		ug/kg	39.4	4.42	1	A
Aroclor 1254	ND		ug/kg	39.4	3.22	1	A
Aroclor 1260	ND		ug/kg	39.4	4.12	1	A
Aroclor 1262	ND		ug/kg	39.4	3.24	1	A
Aroclor 1268	ND		ug/kg	39.4	2.79	1	A
PCBs, Total	ND		ug/kg	39.4	2.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	122		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 14:34  
**Analyst:** WR  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	36.2	4.10	1	A
Aroclor 1221	ND		ug/kg	36.2	5.51	1	A
Aroclor 1232	ND		ug/kg	36.2	3.56	1	A
Aroclor 1242	ND		ug/kg	36.2	4.43	1	A
Aroclor 1248	ND		ug/kg	36.2	4.06	1	A
Aroclor 1254	ND		ug/kg	36.2	2.95	1	A
Aroclor 1260	ND		ug/kg	36.2	3.78	1	A
Aroclor 1262	ND		ug/kg	36.2	2.97	1	A
Aroclor 1268	ND		ug/kg	36.2	2.56	1	A
PCBs, Total	ND		ug/kg	36.2	2.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-09  
 Client ID: EB01\_6-7  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 06/06/18 14:47  
 Analyst: WR  
 Percent Solids: 83%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 03:03  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 06/02/18  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	39.6	4.49	1	A
Aroclor 1221	ND		ug/kg	39.6	6.03	1	A
Aroclor 1232	ND		ug/kg	39.6	3.90	1	A
Aroclor 1242	ND		ug/kg	39.6	4.85	1	A
Aroclor 1248	ND		ug/kg	39.6	4.44	1	A
Aroclor 1254	ND		ug/kg	39.6	3.23	1	A
Aroclor 1260	ND		ug/kg	39.6	4.13	1	A
Aroclor 1262	ND		ug/kg	39.6	3.25	1	A
Aroclor 1268	ND		ug/kg	39.6	2.80	1	A
PCBs, Total	ND		ug/kg	39.6	2.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	106		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-10  
**Client ID:** EB01\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 15:00  
**Analyst:** WR  
**Percent Solids:** 66%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	48.7	5.52	1	A
Aroclor 1221	ND		ug/kg	48.7	7.42	1	A
Aroclor 1232	ND		ug/kg	48.7	4.79	1	A
Aroclor 1242	ND		ug/kg	48.7	5.96	1	A
Aroclor 1248	ND		ug/kg	48.7	5.47	1	A
Aroclor 1254	ND		ug/kg	48.7	3.98	1	A
Aroclor 1260	ND		ug/kg	48.7	5.09	1	A
Aroclor 1262	ND		ug/kg	48.7	4.00	1	A
Aroclor 1268	ND		ug/kg	48.7	3.45	1	A
PCBs, Total	ND		ug/kg	48.7	3.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	117		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 15:13  
**Analyst:** WR  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	37.7	4.27	1	A
Aroclor 1221	ND		ug/kg	37.7	5.73	1	A
Aroclor 1232	ND		ug/kg	37.7	3.71	1	A
Aroclor 1242	ND		ug/kg	37.7	4.61	1	A
Aroclor 1248	ND		ug/kg	37.7	4.23	1	A
Aroclor 1254	ND		ug/kg	37.7	3.07	1	A
Aroclor 1260	ND		ug/kg	37.7	3.93	1	A
Aroclor 1262	ND		ug/kg	37.7	3.10	1	A
Aroclor 1268	ND		ug/kg	37.7	2.67	1	A
PCBs, Total	ND		ug/kg	37.7	2.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	102		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-12  
**Client ID:** EB04\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 15:26  
**Analyst:** WR  
**Percent Solids:** 92%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:03  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	35.0	3.97	1	A
Aroclor 1221	ND		ug/kg	35.0	5.33	1	A
Aroclor 1232	ND		ug/kg	35.0	3.44	1	A
Aroclor 1242	ND		ug/kg	35.0	4.29	1	A
Aroclor 1248	ND		ug/kg	35.0	3.93	1	A
Aroclor 1254	ND		ug/kg	35.0	2.86	1	A
Aroclor 1260	ND		ug/kg	35.0	3.66	1	A
Aroclor 1262	ND		ug/kg	35.0	2.88	1	A
Aroclor 1268	ND		ug/kg	35.0	2.48	1	A
PCBs, Total	ND		ug/kg	35.0	2.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	123		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-13  
 Client ID: EB05\_1-3  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:15  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 06/06/18 15:39  
 Analyst: WR  
 Percent Solids: 83%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 03:04  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 06/02/18  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	40.0	4.54	1	A
Aroclor 1221	ND		ug/kg	40.0	6.10	1	A
Aroclor 1232	ND		ug/kg	40.0	3.94	1	A
Aroclor 1242	ND		ug/kg	40.0	4.90	1	A
Aroclor 1248	ND		ug/kg	40.0	4.49	1	A
Aroclor 1254	ND		ug/kg	40.0	3.27	1	A
Aroclor 1260	ND		ug/kg	40.0	4.18	1	A
Aroclor 1262	ND		ug/kg	40.0	3.29	1	A
Aroclor 1268	ND		ug/kg	40.0	2.84	1	A
PCBs, Total	ND		ug/kg	40.0	2.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	81		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 15:52  
**Analyst:** WR  
**Percent Solids:** 83%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 03:04  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/02/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	38.8	4.40	1	A
Aroclor 1221	ND		ug/kg	38.8	5.91	1	A
Aroclor 1232	ND		ug/kg	38.8	3.82	1	A
Aroclor 1242	ND		ug/kg	38.8	4.75	1	A
Aroclor 1248	ND		ug/kg	38.8	4.36	1	A
Aroclor 1254	ND		ug/kg	38.8	3.17	1	A
Aroclor 1260	ND		ug/kg	38.8	4.05	1	A
Aroclor 1262	ND		ug/kg	38.8	3.19	1	A
Aroclor 1268	ND		ug/kg	38.8	2.75	1	A
PCBs, Total	ND		ug/kg	38.8	2.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	80		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-15  
**Client ID:** MW01\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:17  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 12:01  
**Analyst:** KB

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/31/18 23:55  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/01/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	72		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-16  
**Client ID:** MW02\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 14:52  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 12:13  
**Analyst:** KB

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/31/18 23:55  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/01/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	53		30-150	B



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-17  
**Client ID:** MW03\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:15  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/18 12:25  
**Analyst:** KB

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/31/18 23:55  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/01/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	64		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8082A  
**Analytical Date:** 06/01/18 03:37  
**Analyst:** WR

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/31/18 16:42  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/31/18  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15-17 Batch: WG1121226-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	90		30-150	B

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 06/06/18 02:58  
Analyst: HT

Extraction Method: EPA 3546  
Extraction Date: 06/02/18 03:03  
Cleanup Method: EPA 3665A  
Cleanup Date: 06/02/18  
Cleanup Method: EPA 3660B  
Cleanup Date: 06/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-14 Batch: WG1121760-1						
Aroclor 1016	ND		ug/kg	31.9	3.62	A
Aroclor 1221	ND		ug/kg	31.9	4.86	A
Aroclor 1232	ND		ug/kg	31.9	3.14	A
Aroclor 1242	ND		ug/kg	31.9	3.91	A
Aroclor 1248	ND		ug/kg	31.9	3.58	A
Aroclor 1254	ND		ug/kg	31.9	2.60	A
Aroclor 1260	ND		ug/kg	31.9	3.33	A
Aroclor 1262	ND		ug/kg	31.9	2.62	A
Aroclor 1268	ND		ug/kg	31.9	2.26	A
PCBs, Total	ND		ug/kg	31.9	2.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	78		30-150	B

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15-17 Batch: WG1121226-2 WG1121226-3									
Aroclor 1016	96		90		40-140	7		50	A
Aroclor 1260	84		87		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	A
Decachlorobiphenyl	79		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		87		30-150	B
Decachlorobiphenyl	91		93		30-150	B

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1121760-2 WG1121760-3									
Aroclor 1016	86		88		40-140	2		50	A
Aroclor 1260	75		80		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		87		30-150	A
Decachlorobiphenyl	70		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	B
Decachlorobiphenyl	78		79		30-150	B

# PESTICIDES

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 11:01  
**Analyst:** KB  
**Percent Solids:** 86%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.740	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	8.20		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	39.3		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	ND		ug/kg	2.22	0.619	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.4	5.89	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-01  
 Client ID: EB02\_1-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 08:25  
 Date Received: 05/30/18  
 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	55		30-150	B
Decachlorobiphenyl	51		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	62		30-150	A



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-02 D  
 Client ID: EB02\_7-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 08:35  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/18 13:10  
 Analyst: KEG  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 08:12  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	96.7	18.9	50	A
Lindane	ND		ug/kg	40.3	18.0	50	A
Alpha-BHC	ND		ug/kg	40.3	11.4	50	A
Beta-BHC	ND		ug/kg	96.7	36.7	50	A
Heptachlor	ND		ug/kg	48.4	21.7	50	A
Aldrin	ND		ug/kg	96.7	34.0	50	A
Heptachlor epoxide	ND		ug/kg	181	54.4	50	A
Endrin	ND		ug/kg	40.3	16.5	50	A
Endrin aldehyde	ND		ug/kg	121	42.3	50	A
Endrin ketone	ND		ug/kg	96.7	24.9	50	A
Dieldrin	ND		ug/kg	60.4	30.2	50	A
4,4'-DDE	ND		ug/kg	96.7	22.4	50	A
4,4'-DDD	ND		ug/kg	96.7	34.5	50	A
4,4'-DDT	ND		ug/kg	181	77.8	50	A
Endosulfan I	ND		ug/kg	96.7	22.8	50	A
Endosulfan II	ND		ug/kg	96.7	32.3	50	A
Endosulfan sulfate	ND		ug/kg	40.3	19.2	50	A
Methoxychlor	ND		ug/kg	181	56.4	50	A
Toxaphene	ND		ug/kg	1810	508.	50	A
cis-Chlordane	ND		ug/kg	121	33.7	50	A
trans-Chlordane	ND		ug/kg	121	31.9	50	A
Chlordane	ND		ug/kg	786	320.	50	A

**Project Name:** 12 FRANKLIN STREET**Lab Number:** L1819838**Project Number:** 170467101**Report Date:** 06/06/18**SAMPLE RESULTS**

Lab ID: L1819838-02 D

Date Collected: 05/30/18 08:35

Client ID: EB02\_7-8

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03      D  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/06/18 11:53  
**Analyst:** KEG  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	35.4	6.94	20	A
Lindane	ND		ug/kg	14.8	6.60	20	A
Alpha-BHC	ND		ug/kg	14.8	4.20	20	A
Beta-BHC	ND		ug/kg	35.4	13.4	20	A
Heptachlor	ND		ug/kg	17.7	7.95	20	A
Aldrin	ND		ug/kg	35.4	12.5	20	A
Heptachlor epoxide	ND		ug/kg	66.5	19.9	20	A
Endrin	ND		ug/kg	14.8	6.06	20	A
Endrin aldehyde	ND		ug/kg	44.3	15.5	20	A
Endrin ketone	ND		ug/kg	35.4	9.13	20	A
Dieldrin	ND		ug/kg	22.2	11.1	20	A
4,4'-DDE	ND		ug/kg	35.4	8.20	20	A
4,4'-DDD	ND		ug/kg	35.4	12.6	20	A
4,4'-DDT	ND		ug/kg	66.5	28.5	20	A
Endosulfan I	ND		ug/kg	35.4	8.38	20	A
Endosulfan II	ND		ug/kg	35.4	11.8	20	A
Endosulfan sulfate	ND		ug/kg	14.8	7.03	20	A
Methoxychlor	ND		ug/kg	66.5	20.7	20	A
Toxaphene	ND		ug/kg	665	186.	20	A
cis-Chlordane	ND		ug/kg	44.3	12.4	20	A
trans-Chlordane	ND		ug/kg	44.3	11.7	20	A
Chlordane	ND		ug/kg	288	117.	20	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-03 D  
 Client ID: EB03\_0-1  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:10  
 Date Received: 05/30/18  
 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	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 13:22  
**Analyst:** KB  
**Percent Solids:** 62%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	2.48	0.486	1	A
Lindane	ND		ug/kg	1.03	0.463	1	A
Alpha-BHC	ND		ug/kg	1.03	0.294	1	A
Beta-BHC	ND		ug/kg	2.48	0.942	1	A
Heptachlor	ND		ug/kg	1.24	0.557	1	A
Aldrin	ND		ug/kg	2.48	0.874	1	A
Heptachlor epoxide	ND		ug/kg	4.66	1.40	1	A
Endrin	ND		ug/kg	1.03	0.424	1	A
Endrin aldehyde	ND		ug/kg	3.10	1.09	1	A
Endrin ketone	ND		ug/kg	2.48	0.640	1	A
Dieldrin	ND		ug/kg	1.55	0.776	1	A
4,4'-DDE	ND		ug/kg	2.48	0.574	1	A
4,4'-DDD	ND		ug/kg	2.48	0.886	1	A
4,4'-DDT	ND		ug/kg	4.66	2.00	1	A
Endosulfan I	ND		ug/kg	2.48	0.587	1	A
Endosulfan II	ND		ug/kg	2.48	0.830	1	A
Endosulfan sulfate	ND		ug/kg	1.03	0.493	1	A
Methoxychlor	ND		ug/kg	4.66	1.45	1	A
Toxaphene	ND		ug/kg	46.6	13.0	1	A
cis-Chlordane	ND		ug/kg	3.10	0.865	1	A
trans-Chlordane	2.64	JPI	ug/kg	3.10	0.820	1	A
Chlordane	ND		ug/kg	20.2	8.23	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-04  
 Client ID: EB03\_8-9  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:15  
 Date Received: 05/30/18  
 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	56		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	139		30-150	A
Decachlorobiphenyl	63		30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 13:34  
**Analyst:** KB  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.826	0.369	1	A
Alpha-BHC	ND		ug/kg	0.826	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.752	1	A
Heptachlor	ND		ug/kg	0.992	0.444	1	A
Aldrin	ND		ug/kg	1.98	0.698	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.826	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.868	1	A
Endrin ketone	ND		ug/kg	1.98	0.511	1	A
Dieldrin	ND		ug/kg	1.24	0.620	1	A
4,4'-DDE	ND		ug/kg	1.98	0.459	1	A
4,4'-DDD	31.2		ug/kg	1.98	0.707	1	A
4,4'-DDT	ND		ug/kg	3.72	1.59	1	A
Endosulfan I	ND		ug/kg	1.98	0.468	1	A
Endosulfan II	10.8	PI	ug/kg	1.98	0.663	1	A
Endosulfan sulfate	ND		ug/kg	0.826	0.393	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.691	1	A
trans-Chlordane	ND		ug/kg	2.48	0.654	1	A
Chlordane	ND		ug/kg	16.1	6.57	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-05  
 Client ID: EB06\_0-1  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:35  
 Date Received: 05/30/18  
 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	64		30-150	B
Decachlorobiphenyl	<b>1570</b>	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	<b>241</b>	Q	30-150	A



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-06 D  
 Client ID: EB06\_5-6  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:00  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/18 12:06  
 Analyst: KEG  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 08:12  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	37.3	7.31	20	A
Lindane	ND		ug/kg	15.6	6.95	20	A
Alpha-BHC	ND		ug/kg	15.6	4.42	20	A
Beta-BHC	ND		ug/kg	37.3	14.2	20	A
Heptachlor	ND		ug/kg	18.7	8.37	20	A
Aldrin	ND		ug/kg	37.3	13.1	20	A
Heptachlor epoxide	21.1	J	ug/kg	70.0	21.0	20	A
Endrin	ND		ug/kg	15.6	6.38	20	A
Endrin aldehyde	ND		ug/kg	46.7	16.3	20	A
Endrin ketone	ND		ug/kg	37.3	9.62	20	A
Dieldrin	ND		ug/kg	23.3	11.7	20	A
4,4'-DDE	ND		ug/kg	37.3	8.64	20	A
4,4'-DDD	ND		ug/kg	37.3	13.3	20	A
4,4'-DDT	ND		ug/kg	70.0	30.0	20	A
Endosulfan I	ND		ug/kg	37.3	8.82	20	A
Endosulfan II	ND		ug/kg	37.3	12.5	20	A
Endosulfan sulfate	ND		ug/kg	15.6	7.41	20	A
Methoxychlor	ND		ug/kg	70.0	21.8	20	A
Toxaphene	ND		ug/kg	700	196.	20	A
cis-Chlordane	ND		ug/kg	46.7	13.0	20	B
trans-Chlordane	ND		ug/kg	46.7	12.3	20	A
Chlordane	ND		ug/kg	303	124.	20	A

**Project Name:** 12 FRANKLIN STREET**Lab Number:** L1819838**Project Number:** 170467101**Report Date:** 06/06/18**SAMPLE RESULTS**

Lab ID: L1819838-06 D

Date Collected: 05/30/18 10:00

Client ID: EB06\_5-6

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 13:59  
**Analyst:** KB  
**Percent Solids:** 84%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.90	0.373	1	A
Lindane	ND		ug/kg	0.793	0.354	1	A
Alpha-BHC	ND		ug/kg	0.793	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.722	1	A
Heptachlor	ND		ug/kg	0.952	0.427	1	A
Aldrin	ND		ug/kg	1.90	0.670	1	A
Heptachlor epoxide	ND		ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.793	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.833	1	A
Endrin ketone	ND		ug/kg	1.90	0.490	1	A
Dieldrin	ND		ug/kg	1.19	0.595	1	A
4,4'-DDE	ND		ug/kg	1.90	0.440	1	A
4,4'-DDD	ND		ug/kg	1.90	0.679	1	A
4,4'-DDT	ND		ug/kg	3.57	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.450	1	A
Endosulfan II	ND		ug/kg	1.90	0.636	1	A
Endosulfan sulfate	ND		ug/kg	0.793	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	9.99	1	A
cis-Chlordane	ND		ug/kg	2.38	0.663	1	A
trans-Chlordane	ND		ug/kg	2.38	0.628	1	A
Chlordane	ND		ug/kg	15.5	6.31	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-07  
 Client ID: EB06\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 12:00  
 Date Received: 05/30/18  
 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	48		30-150	B
Decachlorobiphenyl	112		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	110		30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 14:12  
**Analyst:** KB  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	1.00	P	ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	2.58	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.793	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	1.89	PI	ug/kg	1.81	0.646	1	B
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	6.01	PI	ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	14.7	6.00	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-08  
 Client ID: EB01\_0-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:55  
 Date Received: 05/30/18  
 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	92		30-150	B
Decachlorobiphenyl	185	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	124		30-150	A
Decachlorobiphenyl	132		30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-09      D  
**Client ID:** EB01\_6-7  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 14:25  
**Analyst:** KB  
**Percent Solids:** 83%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	18.8	3.68	10	A
Lindane	ND		ug/kg	7.83	3.50	10	A
Alpha-BHC	ND		ug/kg	7.83	2.22	10	A
Beta-BHC	ND		ug/kg	18.8	7.12	10	A
Heptachlor	ND		ug/kg	9.39	4.21	10	A
Aldrin	ND		ug/kg	18.8	6.61	10	A
Heptachlor epoxide	ND		ug/kg	35.2	10.6	10	A
Endrin	ND		ug/kg	7.83	3.21	10	A
Endrin aldehyde	ND		ug/kg	23.5	8.22	10	A
Endrin ketone	ND		ug/kg	18.8	4.84	10	A
Dieldrin	ND		ug/kg	11.7	5.87	10	A
4,4'-DDE	ND		ug/kg	18.8	4.34	10	A
4,4'-DDD	ND		ug/kg	18.8	6.70	10	A
4,4'-DDT	ND		ug/kg	35.2	15.1	10	A
Endosulfan I	ND		ug/kg	18.8	4.44	10	A
Endosulfan II	ND		ug/kg	18.8	6.28	10	A
Endosulfan sulfate	ND		ug/kg	7.83	3.72	10	A
Methoxychlor	ND		ug/kg	35.2	11.0	10	A
Toxaphene	ND		ug/kg	352	98.6	10	A
cis-Chlordane	ND		ug/kg	23.5	6.54	10	A
trans-Chlordane	ND		ug/kg	23.5	6.20	10	A
Chlordane	ND		ug/kg	153	62.2	10	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-09 D  
 Client ID: EB01\_6-7  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:30  
 Date Received: 05/30/18  
 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	49		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	77		30-150	A



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-10 D  
 Client ID: EB01\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:25  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/18 12:18  
 Analyst: KEG  
 Percent Solids: 66%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 08:12  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	48.0	9.40	20	A
Lindane	ND		ug/kg	20.0	8.94	20	A
Alpha-BHC	ND		ug/kg	20.0	5.68	20	A
Beta-BHC	ND		ug/kg	48.0	18.2	20	A
Heptachlor	ND		ug/kg	24.0	10.8	20	A
Aldrin	ND		ug/kg	48.0	16.9	20	A
Heptachlor epoxide	ND		ug/kg	90.0	27.0	20	A
Endrin	ND		ug/kg	20.0	8.20	20	A
Endrin aldehyde	ND		ug/kg	60.0	21.0	20	A
Endrin ketone	ND		ug/kg	48.0	12.4	20	A
Dieldrin	ND		ug/kg	30.0	15.0	20	A
4,4'-DDE	ND		ug/kg	48.0	11.1	20	A
4,4'-DDD	ND		ug/kg	48.0	17.1	20	A
4,4'-DDT	ND		ug/kg	90.0	38.6	20	A
Endosulfan I	ND		ug/kg	48.0	11.3	20	A
Endosulfan II	ND		ug/kg	48.0	16.0	20	A
Endosulfan sulfate	ND		ug/kg	20.0	9.52	20	A
Methoxychlor	ND		ug/kg	90.0	28.0	20	A
Toxaphene	ND		ug/kg	900	252.	20	A
cis-Chlordane	ND		ug/kg	60.0	16.7	20	A
trans-Chlordane	ND		ug/kg	60.0	15.8	20	A
Chlordane	ND		ug/kg	390	159.	20	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-10 D  
 Client ID: EB01\_11-12  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 10:25  
 Date Received: 05/30/18  
 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	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 14:50  
**Analyst:** KB  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:18  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.973	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.757	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	A
4,4'-DDT	ND		ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.0	5.73	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-11  
 Client ID: EB04\_6-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:40  
 Date Received: 05/30/18  
 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	51		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	58		30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-12      D  
**Client ID:** EB04\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/06/18 12:31  
**Analyst:** KEG  
**Percent Solids:** 92%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:18  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	34.2	6.70	20	A
Lindane	ND		ug/kg	14.2	6.37	20	A
Alpha-BHC	ND		ug/kg	14.2	4.05	20	A
Beta-BHC	ND		ug/kg	34.2	13.0	20	A
Heptachlor	ND		ug/kg	17.1	7.67	20	A
Aldrin	ND		ug/kg	34.2	12.0	20	A
Heptachlor epoxide	ND		ug/kg	64.1	19.2	20	A
Endrin	ND		ug/kg	14.2	5.84	20	A
Endrin aldehyde	ND		ug/kg	42.8	15.0	20	A
Endrin ketone	ND		ug/kg	34.2	8.81	20	A
Dieldrin	ND		ug/kg	21.4	10.7	20	A
4,4'-DDE	ND		ug/kg	34.2	7.91	20	A
4,4'-DDD	ND		ug/kg	34.2	12.2	20	A
4,4'-DDT	ND		ug/kg	64.1	27.5	20	A
Endosulfan I	ND		ug/kg	34.2	8.08	20	A
Endosulfan II	ND		ug/kg	34.2	11.4	20	A
Endosulfan sulfate	ND		ug/kg	14.2	6.78	20	A
Methoxychlor	ND		ug/kg	64.1	20.0	20	A
Toxaphene	ND		ug/kg	641	180.	20	A
cis-Chlordane	ND		ug/kg	42.8	11.9	20	A
trans-Chlordane	ND		ug/kg	42.8	11.3	20	A
Chlordane	ND		ug/kg	278	113.	20	A

**Project Name:** 12 FRANKLIN STREET**Lab Number:** L1819838**Project Number:** 170467101**Report Date:** 06/06/18**SAMPLE RESULTS**

Lab ID: L1819838-12 D

Date Collected: 05/30/18 11:30

Client ID: EB04\_11-12

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-13 D  
 Client ID: EB05\_1-3  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:15  
 Date Received: 05/30/18  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/18 12:44  
 Analyst: KEG  
 Percent Solids: 83%

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 08:18  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	36.8	7.21	20	A
Lindane	ND		ug/kg	15.3	6.86	20	A
Alpha-BHC	ND		ug/kg	15.3	4.36	20	A
Beta-BHC	ND		ug/kg	36.8	14.0	20	A
Heptachlor	ND		ug/kg	18.4	8.26	20	A
Aldrin	ND		ug/kg	36.8	13.0	20	A
Heptachlor epoxide	ND		ug/kg	69.1	20.7	20	A
Endrin	ND		ug/kg	15.3	6.29	20	A
Endrin aldehyde	ND		ug/kg	46.0	16.1	20	A
Endrin ketone	ND		ug/kg	36.8	9.48	20	A
Dieldrin	ND		ug/kg	23.0	11.5	20	A
4,4'-DDE	ND		ug/kg	36.8	8.52	20	A
4,4'-DDD	ND		ug/kg	36.8	13.1	20	A
4,4'-DDT	ND		ug/kg	69.1	29.6	20	A
Endosulfan I	ND		ug/kg	36.8	8.70	20	A
Endosulfan II	ND		ug/kg	36.8	12.3	20	A
Endosulfan sulfate	ND		ug/kg	15.3	7.30	20	A
Methoxychlor	ND		ug/kg	69.1	21.5	20	A
Toxaphene	ND		ug/kg	691	193.	20	A
cis-Chlordane	ND		ug/kg	46.0	12.8	20	A
trans-Chlordane	ND		ug/kg	46.0	12.2	20	A
Chlordane	ND		ug/kg	299	122.	20	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-13 D  
 Client ID: EB05\_1-3  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:15  
 Date Received: 05/30/18  
 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	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 15:27  
**Analyst:** KB  
**Percent Solids:** 83%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:18  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	14.7	6.00	1	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

Lab ID: L1819838-14  
 Client ID: EB05\_7-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 09:20  
 Date Received: 05/30/18  
 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	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8081B  
**Analytical Date:** 06/05/18 09:07  
**Analyst:** KB

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/02/18 08:12  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-14 Batch: WG1121809-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.4	5.07	A

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 06/05/18 09:07  
 Analyst: KB

Extraction Method: EPA 3546  
 Extraction Date: 06/02/18 08:12  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-14 Batch: WG1121809-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	48		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	54		30-150	A

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1121809-2 WG1121809-3									
Delta-BHC	109		118		30-150	8		30	A
Lindane	104		109		30-150	5		30	A
Alpha-BHC	103		108		30-150	5		30	A
Beta-BHC	104		105		30-150	1		30	A
Heptachlor	109		114		30-150	4		30	A
Aldrin	101		106		30-150	5		30	A
Heptachlor epoxide	101		107		30-150	6		30	A
Endrin	120		126		30-150	5		30	A
Endrin aldehyde	82		82		30-150	0		30	A
Endrin ketone	103		106		30-150	3		30	A
Dieldrin	109		113		30-150	4		30	A
4,4'-DDE	94		101		30-150	7		30	A
4,4'-DDD	106		112		30-150	6		30	A
4,4'-DDT	116		121		30-150	4		30	A
Endosulfan I	98		101		30-150	3		30	A
Endosulfan II	96		104		30-150	8		30	A
Endosulfan sulfate	82		82		30-150	0		30	A
Methoxychlor	137		140		30-150	2		30	A
cis-Chlordane	85		90		30-150	6		30	A
trans-Chlordane	78		81		30-150	4		30	A

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

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): 01-14 Batch: WG1121809-2 WG1121809-3								

<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	57		64		30-150	B
Decachlorobiphenyl	51		55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		76		30-150	A
Decachlorobiphenyl	64		61		30-150	A

## METALS

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-01  
 Client ID: EB02\_1-2  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 08:25  
 Date Received: 05/30/18  
 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
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	6060		mg/kg	9.23	2.49	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.62	0.351	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Arsenic, Total	6.77		mg/kg	0.923	0.192	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Barium, Total	47.8		mg/kg	0.923	0.161	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Beryllium, Total	0.462		mg/kg	0.462	0.031	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Cadmium, Total	0.388	J	mg/kg	0.923	0.091	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Calcium, Total	1220		mg/kg	9.23	3.23	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Chromium, Total	17.0		mg/kg	0.923	0.089	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Cobalt, Total	6.52		mg/kg	1.85	0.153	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Copper, Total	72.1		mg/kg	0.923	0.238	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Iron, Total	17900		mg/kg	4.62	0.834	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Lead, Total	114		mg/kg	4.62	0.247	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Magnesium, Total	1310		mg/kg	9.23	1.42	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Manganese, Total	200		mg/kg	0.923	0.147	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Mercury, Total	0.600		mg/kg	0.073	0.015	1	06/02/18 08:00	06/04/18 14:15	EPA 7471B	1,7471B	KA
Nickel, Total	9.18		mg/kg	2.31	0.223	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Potassium, Total	522		mg/kg	231	13.3	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Selenium, Total	1.09	J	mg/kg	1.85	0.238	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.923	0.261	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Sodium, Total	93.0	J	mg/kg	185	2.91	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.85	0.291	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Vanadium, Total	24.1		mg/kg	0.923	0.187	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC
Zinc, Total	138		mg/kg	4.62	0.270	2	06/04/18 20:23	06/06/18 00:33	EPA 3050B	1,6010C	MC





Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-02

Date Collected: 05/30/18 08:35

Client ID: EB02\_7-8

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

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
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	8150		mg/kg	9.80	2.65	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.90	0.372	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Arsenic, Total	4.82		mg/kg	0.980	0.204	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Barium, Total	57.2		mg/kg	0.980	0.170	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Beryllium, Total	0.412	J	mg/kg	0.490	0.032	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Cadmium, Total	0.323	J	mg/kg	0.980	0.096	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Calcium, Total	2340		mg/kg	9.80	3.43	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Chromium, Total	17.5		mg/kg	0.980	0.094	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Cobalt, Total	5.87		mg/kg	1.96	0.163	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Copper, Total	17.6		mg/kg	0.980	0.253	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Iron, Total	18100		mg/kg	4.90	0.885	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Lead, Total	31.8		mg/kg	4.90	0.263	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Magnesium, Total	1660		mg/kg	9.80	1.51	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Manganese, Total	198		mg/kg	0.980	0.156	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Mercury, Total	0.188		mg/kg	0.080	0.017	1	06/02/18 08:00	06/04/18 14:17	EPA 7471B	1,7471B	KA
Nickel, Total	10.9		mg/kg	2.45	0.237	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Potassium, Total	584		mg/kg	245	14.1	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Selenium, Total	0.745	J	mg/kg	1.96	0.253	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.980	0.277	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Sodium, Total	127	J	mg/kg	196	3.09	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.96	0.309	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Vanadium, Total	24.2		mg/kg	0.980	0.199	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC
Zinc, Total	155		mg/kg	4.90	0.287	2	06/04/18 20:23	06/06/18 00:37	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-03

Date Collected: 05/30/18 11:10

Client ID: EB03\_0-1

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	8330		mg/kg	8.76	2.36	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.38	0.333	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Arsenic, Total	2.44		mg/kg	0.876	0.182	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Barium, Total	41.1		mg/kg	0.876	0.152	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Beryllium, Total	0.403	J	mg/kg	0.438	0.029	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Cadmium, Total	0.123	J	mg/kg	0.876	0.086	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Calcium, Total	2380		mg/kg	8.76	3.06	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Chromium, Total	13.0		mg/kg	0.876	0.084	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Cobalt, Total	5.83		mg/kg	1.75	0.145	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Copper, Total	11.8		mg/kg	0.876	0.226	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Iron, Total	13800		mg/kg	4.38	0.791	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Lead, Total	19.6		mg/kg	4.38	0.235	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Magnesium, Total	2020		mg/kg	8.76	1.35	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Manganese, Total	208		mg/kg	0.876	0.139	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Mercury, Total	0.079		mg/kg	0.073	0.015	1	06/02/18 08:00	06/04/18 14:18	EPA 7471B	1,7471B	KA
Nickel, Total	9.76		mg/kg	2.19	0.212	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Potassium, Total	1520		mg/kg	219	12.6	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Selenium, Total	0.254	J	mg/kg	1.75	0.226	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.876	0.248	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Sodium, Total	183		mg/kg	175	2.76	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.75	0.276	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Vanadium, Total	17.1		mg/kg	0.876	0.178	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC
Zinc, Total	29.6		mg/kg	4.38	0.257	2	06/04/18 20:23	06/06/18 00:42	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-04

Date Collected: 05/30/18 11:15

Client ID: EB03\_8-9

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	9860		mg/kg	12.1	3.26	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	6.03	0.459	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Arsenic, Total	6.32		mg/kg	1.21	0.251	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Barium, Total	16.4		mg/kg	1.21	0.210	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Beryllium, Total	0.422	J	mg/kg	0.603	0.040	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Cadmium, Total	0.555	J	mg/kg	1.21	0.118	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Calcium, Total	1610		mg/kg	12.1	4.22	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Chromium, Total	20.1		mg/kg	1.21	0.116	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Cobalt, Total	8.68		mg/kg	2.41	0.200	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Copper, Total	12.0		mg/kg	1.21	0.311	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Iron, Total	20700		mg/kg	6.03	1.09	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Lead, Total	9.98		mg/kg	6.03	0.323	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Magnesium, Total	4240		mg/kg	12.1	1.86	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Manganese, Total	315		mg/kg	1.21	0.192	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Mercury, Total	0.028	J	mg/kg	0.101	0.021	1	06/02/18 08:00	06/04/18 14:24	EPA 7471B	1,7471B	KA
Nickel, Total	18.1		mg/kg	3.02	0.292	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Potassium, Total	2420		mg/kg	302	17.4	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Selenium, Total	0.616	J	mg/kg	2.41	0.311	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.21	0.342	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Sodium, Total	648		mg/kg	241	3.80	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.41	0.380	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Vanadium, Total	26.9		mg/kg	1.21	0.245	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC
Zinc, Total	57.0		mg/kg	6.03	0.354	2	06/04/18 20:23	06/06/18 00:46	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-05

Date Collected: 05/30/18 09:35

Client ID: EB06\_0-1

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

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
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5750		mg/kg	9.84	2.66	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.92	0.374	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Arsenic, Total	9.62		mg/kg	0.984	0.205	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Barium, Total	119		mg/kg	0.984	0.171	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Beryllium, Total	0.246	J	mg/kg	0.492	0.033	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Cadmium, Total	0.374	J	mg/kg	0.984	0.096	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Calcium, Total	2810		mg/kg	9.84	3.44	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Chromium, Total	81.2		mg/kg	0.984	0.094	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Cobalt, Total	5.13		mg/kg	1.97	0.163	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Copper, Total	71.1		mg/kg	0.984	0.254	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Iron, Total	18700		mg/kg	4.92	0.888	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Lead, Total	276		mg/kg	4.92	0.264	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Magnesium, Total	1400		mg/kg	9.84	1.51	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Manganese, Total	132		mg/kg	0.984	0.156	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Mercury, Total	0.943		mg/kg	0.079	0.017	1	06/02/18 08:00	06/04/18 14:26	EPA 7471B	1,7471B	KA
Nickel, Total	10.7		mg/kg	2.46	0.238	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Potassium, Total	1280		mg/kg	246	14.2	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Selenium, Total	5.08		mg/kg	1.97	0.254	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.984	0.278	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Sodium, Total	468		mg/kg	197	3.10	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.97	0.310	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Vanadium, Total	23.8		mg/kg	0.984	0.200	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC
Zinc, Total	135		mg/kg	4.92	0.288	2	06/04/18 20:23	06/06/18 00:50	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-06

Date Collected: 05/30/18 10:00

Client ID: EB06\_5-6

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	10200		mg/kg	9.21	2.48	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.60	0.350	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Arsenic, Total	3.66		mg/kg	0.921	0.191	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Barium, Total	32.5		mg/kg	0.921	0.160	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Beryllium, Total	0.276	J	mg/kg	0.460	0.030	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Cadmium, Total	0.221	J	mg/kg	0.921	0.090	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Calcium, Total	354		mg/kg	9.21	3.22	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Chromium, Total	14.3		mg/kg	0.921	0.088	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Cobalt, Total	6.39		mg/kg	1.84	0.153	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Copper, Total	9.32		mg/kg	0.921	0.238	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Iron, Total	17700		mg/kg	4.60	0.831	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Lead, Total	6.53		mg/kg	4.60	0.247	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Magnesium, Total	2140		mg/kg	9.21	1.42	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Manganese, Total	455		mg/kg	0.921	0.146	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Mercury, Total	0.050	J	mg/kg	0.074	0.016	1	06/02/18 08:00	06/04/18 14:28	EPA 7471B	1,7471B	KA
Nickel, Total	8.63		mg/kg	2.30	0.223	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Potassium, Total	1440		mg/kg	230	13.2	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Selenium, Total	0.313	J	mg/kg	1.84	0.238	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.921	0.260	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Sodium, Total	69.2	J	mg/kg	184	2.90	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.84	0.290	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Vanadium, Total	23.1		mg/kg	0.921	0.187	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC
Zinc, Total	30.2		mg/kg	4.60	0.270	2	06/04/18 20:23	06/06/18 00:54	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-07

Date Collected: 05/30/18 12:00

Client ID: EB06\_11-12

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	6630		mg/kg	9.38	2.53	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.69	0.356	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Arsenic, Total	2.78		mg/kg	0.938	0.195	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Barium, Total	32.5		mg/kg	0.938	0.163	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Beryllium, Total	0.225	J	mg/kg	0.469	0.031	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Cadmium, Total	0.234	J	mg/kg	0.938	0.092	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Calcium, Total	8450		mg/kg	9.38	3.28	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Chromium, Total	14.7		mg/kg	0.938	0.090	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Cobalt, Total	5.48		mg/kg	1.88	0.156	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Copper, Total	12.6		mg/kg	0.938	0.242	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Iron, Total	14000		mg/kg	4.69	0.847	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Lead, Total	11.9		mg/kg	4.69	0.251	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Magnesium, Total	3400		mg/kg	9.38	1.44	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Manganese, Total	299		mg/kg	0.938	0.149	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Mercury, Total	0.049	J	mg/kg	0.075	0.016	1	06/02/18 08:00	06/04/18 14:30	EPA 7471B	1,7471B	KA
Nickel, Total	8.69		mg/kg	2.34	0.227	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Potassium, Total	1240		mg/kg	234	13.5	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Selenium, Total	0.356	J	mg/kg	1.88	0.242	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.938	0.266	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Sodium, Total	130	J	mg/kg	188	2.96	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.88	0.296	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Vanadium, Total	18.5		mg/kg	0.938	0.190	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC
Zinc, Total	30.4		mg/kg	4.69	0.275	2	06/04/18 20:23	06/06/18 01:15	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-08

Date Collected: 05/30/18 11:55

Client ID: EB01\_0-2

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2540		mg/kg	8.83	2.38	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Antimony, Total	0.583	J	mg/kg	4.42	0.336	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Arsenic, Total	31.6		mg/kg	0.883	0.184	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Barium, Total	42.7		mg/kg	0.883	0.154	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Beryllium, Total	0.141	J	mg/kg	0.442	0.029	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Cadmium, Total	0.424	J	mg/kg	0.883	0.087	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Calcium, Total	1460		mg/kg	8.83	3.09	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Chromium, Total	7.30		mg/kg	0.883	0.085	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Cobalt, Total	5.84		mg/kg	1.77	0.147	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Copper, Total	150		mg/kg	0.883	0.228	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Iron, Total	7680		mg/kg	4.42	0.798	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Lead, Total	106		mg/kg	4.42	0.237	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Magnesium, Total	568		mg/kg	8.83	1.36	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Manganese, Total	83.4		mg/kg	0.883	0.140	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Mercury, Total	0.120		mg/kg	0.072	0.015	1	06/02/18 08:00	06/04/18 14:32	EPA 7471B	1,7471B	KA
Nickel, Total	12.6		mg/kg	2.21	0.214	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Potassium, Total	540		mg/kg	221	12.7	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Selenium, Total	1.10	J	mg/kg	1.77	0.228	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.883	0.250	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Sodium, Total	635		mg/kg	177	2.78	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.77	0.278	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Vanadium, Total	13.8		mg/kg	0.883	0.179	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC
Zinc, Total	113		mg/kg	4.42	0.259	2	06/04/18 20:23	06/06/18 01:19	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-09

Date Collected: 05/30/18 10:30

Client ID: EB01\_6-7

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	890		mg/kg	9.51	2.57	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.76	0.362	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Arsenic, Total	3.76		mg/kg	0.951	0.198	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Barium, Total	11.4		mg/kg	0.951	0.166	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.476	0.031	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Cadmium, Total	0.105	J	mg/kg	0.951	0.093	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Calcium, Total	842		mg/kg	9.51	3.33	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Chromium, Total	3.68		mg/kg	0.951	0.091	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Cobalt, Total	4.89		mg/kg	1.90	0.158	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Copper, Total	22.2		mg/kg	0.951	0.245	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Iron, Total	3740		mg/kg	4.76	0.859	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Lead, Total	26.2		mg/kg	4.76	0.255	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Magnesium, Total	234		mg/kg	9.51	1.46	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Manganese, Total	22.2		mg/kg	0.951	0.151	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Mercury, Total	0.089		mg/kg	0.076	0.016	1	06/02/18 08:00	06/04/18 14:33	EPA 7471B	1,7471B	KA
Nickel, Total	11.2		mg/kg	2.38	0.230	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Potassium, Total	177	J	mg/kg	238	13.7	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.90	0.245	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.951	0.269	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Sodium, Total	281		mg/kg	190	3.00	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.90	0.300	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Vanadium, Total	7.78		mg/kg	0.951	0.193	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC
Zinc, Total	42.2		mg/kg	4.76	0.279	2	06/04/18 20:23	06/06/18 01:24	EPA 3050B	1,6010C	MC





Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-10

Date Collected: 05/30/18 10:25

Client ID: EB01\_11-12

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	1260		mg/kg	12.0	3.23	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.98	0.454	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Arsenic, Total	6.81		mg/kg	1.20	0.248	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Barium, Total	68.1		mg/kg	1.20	0.208	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.598	0.039	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Cadmium, Total	0.215	J	mg/kg	1.20	0.117	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Calcium, Total	4540		mg/kg	12.0	4.18	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Chromium, Total	7.44		mg/kg	1.20	0.115	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Cobalt, Total	6.94		mg/kg	2.39	0.198	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Copper, Total	29.6		mg/kg	1.20	0.308	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Iron, Total	4680		mg/kg	5.98	1.08	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Lead, Total	36.8		mg/kg	5.98	0.320	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Magnesium, Total	863		mg/kg	12.0	1.84	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Manganese, Total	30.0		mg/kg	1.20	0.190	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Mercury, Total	0.162		mg/kg	0.097	0.020	1	06/02/18 08:00	06/04/18 14:35	EPA 7471B	1,7471B	KA
Nickel, Total	12.6		mg/kg	2.99	0.289	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Potassium, Total	215	J	mg/kg	299	17.2	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Selenium, Total	1.06	J	mg/kg	2.39	0.308	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.20	0.338	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Sodium, Total	202	J	mg/kg	239	3.76	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.39	0.376	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Vanadium, Total	11.4		mg/kg	1.20	0.243	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC
Zinc, Total	200		mg/kg	5.98	0.350	2	06/04/18 20:23	06/06/18 01:28	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-11  
 Client ID: EB04\_6-8  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 11:40  
 Date Received: 05/30/18  
 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
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	1230		mg/kg	8.75	2.36	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Antimony, Total	1.13	J	mg/kg	4.38	0.332	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Arsenic, Total	3.46		mg/kg	0.875	0.182	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Barium, Total	44.0		mg/kg	0.875	0.152	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Beryllium, Total	0.070	J	mg/kg	0.438	0.029	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Cadmium, Total	0.648	J	mg/kg	0.875	0.086	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Calcium, Total	9980		mg/kg	8.75	3.06	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Chromium, Total	5.32		mg/kg	0.875	0.084	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Cobalt, Total	4.41		mg/kg	1.75	0.145	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Copper, Total	80.4		mg/kg	0.875	0.226	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Iron, Total	6140		mg/kg	4.38	0.790	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Lead, Total	226		mg/kg	4.38	0.234	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Magnesium, Total	572		mg/kg	8.75	1.35	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Manganese, Total	58.6		mg/kg	0.875	0.139	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Mercury, Total	2.30		mg/kg	0.072	0.015	1	06/02/18 08:00	06/04/18 14:37	EPA 7471B	1,7471B	KA
Nickel, Total	11.6		mg/kg	2.19	0.212	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Potassium, Total	333		mg/kg	219	12.6	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Selenium, Total	0.621	J	mg/kg	1.75	0.226	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.875	0.248	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Sodium, Total	545		mg/kg	175	2.76	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.75	0.276	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Vanadium, Total	8.25		mg/kg	0.875	0.178	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC
Zinc, Total	448		mg/kg	4.38	0.256	2	06/04/18 20:23	06/06/18 01:32	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-12

Date Collected: 05/30/18 11:30

Client ID: EB04\_11-12

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	1410		mg/kg	8.58	2.32	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.29	0.326	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Arsenic, Total	3.59		mg/kg	0.858	0.178	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Barium, Total	26.6		mg/kg	0.858	0.149	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.429	0.028	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Cadmium, Total	0.515	J	mg/kg	0.858	0.084	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Calcium, Total	5540		mg/kg	8.58	3.00	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Chromium, Total	9.34		mg/kg	0.858	0.082	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Cobalt, Total	6.06		mg/kg	1.72	0.142	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Copper, Total	341		mg/kg	0.858	0.221	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Iron, Total	15400		mg/kg	4.29	0.775	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Lead, Total	77.8		mg/kg	4.29	0.230	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Magnesium, Total	857		mg/kg	8.58	1.32	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Manganese, Total	129		mg/kg	0.858	0.136	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Mercury, Total	0.864		mg/kg	0.068	0.014	1	06/02/18 08:00	06/04/18 14:39	EPA 7471B	1,7471B	KA
Nickel, Total	15.4		mg/kg	2.14	0.208	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Potassium, Total	356		mg/kg	214	12.4	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Selenium, Total	0.961	J	mg/kg	1.72	0.221	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.858	0.243	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Sodium, Total	287		mg/kg	172	2.70	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.72	0.270	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Vanadium, Total	9.73		mg/kg	0.858	0.174	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC
Zinc, Total	199		mg/kg	4.29	0.251	2	06/04/18 20:23	06/06/18 01:36	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-13

Date Collected: 05/30/18 09:15

Client ID: EB05\_1-3

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2360		mg/kg	9.51	2.57	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.75	0.361	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Arsenic, Total	5.92		mg/kg	0.951	0.198	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Barium, Total	30.4		mg/kg	0.951	0.165	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Beryllium, Total	0.152	J	mg/kg	0.475	0.031	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Cadmium, Total	0.323	J	mg/kg	0.951	0.093	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Calcium, Total	2890		mg/kg	9.51	3.33	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Chromium, Total	7.98		mg/kg	0.951	0.091	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Cobalt, Total	6.68		mg/kg	1.90	0.158	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Copper, Total	37.2		mg/kg	0.951	0.245	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Iron, Total	8580		mg/kg	4.75	0.859	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Lead, Total	62.8		mg/kg	4.75	0.255	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Magnesium, Total	430		mg/kg	9.51	1.46	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Manganese, Total	89.2		mg/kg	0.951	0.151	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Mercury, Total	0.205		mg/kg	0.076	0.016	1	06/02/18 08:00	06/04/18 14:41	EPA 7471B	1,7471B	KA
Nickel, Total	11.0		mg/kg	2.38	0.230	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Potassium, Total	323		mg/kg	238	13.7	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Selenium, Total	1.64	J	mg/kg	1.90	0.245	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.951	0.269	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Sodium, Total	251		mg/kg	190	3.00	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.90	0.300	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Vanadium, Total	12.2		mg/kg	0.951	0.193	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC
Zinc, Total	89.1		mg/kg	4.75	0.279	2	06/04/18 20:23	06/06/18 01:40	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-14

Date Collected: 05/30/18 09:20

Client ID: EB05\_7-8

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	6410		mg/kg	9.16	2.47	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.58	0.348	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Arsenic, Total	2.71		mg/kg	0.916	0.190	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Barium, Total	39.7		mg/kg	0.916	0.159	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Beryllium, Total	0.366	J	mg/kg	0.458	0.030	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Cadmium, Total	0.348	J	mg/kg	0.916	0.090	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Calcium, Total	649		mg/kg	9.16	3.20	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Chromium, Total	16.2		mg/kg	0.916	0.088	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Cobalt, Total	8.36		mg/kg	1.83	0.152	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Copper, Total	18.7		mg/kg	0.916	0.236	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Iron, Total	21200		mg/kg	4.58	0.827	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Lead, Total	7.17		mg/kg	4.58	0.245	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Magnesium, Total	1760		mg/kg	9.16	1.41	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Manganese, Total	158		mg/kg	0.916	0.146	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Mercury, Total	0.025	J	mg/kg	0.076	0.016	1	06/02/18 08:00	06/04/18 14:47	EPA 7471B	1,7471B	KA
Nickel, Total	10.2		mg/kg	2.29	0.222	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Potassium, Total	823		mg/kg	229	13.2	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Selenium, Total	0.586	J	mg/kg	1.83	0.236	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.916	0.259	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Sodium, Total	66.4	J	mg/kg	183	2.88	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.83	0.288	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Vanadium, Total	29.2		mg/kg	0.916	0.186	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC
Zinc, Total	34.9		mg/kg	4.58	0.268	2	06/04/18 20:23	06/06/18 01:44	EPA 3050B	1,6010C	MC



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-15

Date Collected: 05/30/18 13:17

Client ID: MW01\_053018

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Dissolved Metals - Mansfield Lab</b>											
Aluminum, Dissolved	0.0252		mg/l	0.0100	0.00327	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00074	J	mg/l	0.00400	0.00042	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00710		mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1765		mg/l	0.00050	0.00017	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Calcium, Dissolved	66.4		mg/l	0.100	0.0394	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00074		mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00045	J	mg/l	0.00100	0.00038	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.933		mg/l	0.0500	0.0191	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	9.88		mg/l	0.0700	0.0242	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.2329		mg/l	0.00100	0.00044	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/18 11:08	06/04/18 19:23	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00134	J	mg/l	0.00200	0.00055	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Potassium, Dissolved	12.8		mg/l	0.100	0.0309	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Sodium, Dissolved	275.		mg/l	0.100	0.0293	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	0.00225	J	mg/l	0.00500	0.00157	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00798	J	mg/l	0.01000	0.00341	1	06/05/18 08:00	06/05/18 14:01	EPA 3005A	1,6020A	AM



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-16

Date Collected: 05/30/18 14:52

Client ID: MW02\_053018

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0102		mg/l	0.0100	0.00327	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00083	J	mg/l	0.00400	0.00042	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00118		mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.3544		mg/l	0.00050	0.00017	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Calcium, Dissolved	137.		mg/l	0.100	0.0394	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00033	J	mg/l	0.00100	0.00017	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00031	J	mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Iron, Dissolved	29.9		mg/l	0.0500	0.0191	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	26.5		mg/l	0.0700	0.0242	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.3995		mg/l	0.00100	0.00044	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/18 11:08	06/04/18 19:32	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Potassium, Dissolved	47.3		mg/l	0.100	0.0309	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Sodium, Dissolved	160.		mg/l	0.100	0.0293	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/05/18 08:00	06/05/18 13:57	EPA 3005A	1,6020A	AM



Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

## SAMPLE RESULTS

Lab ID: L1819838-17  
 Client ID: MW03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:15  
 Date Received: 05/30/18  
 Field Prep: Refer to COC

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Dissolved Metals - Mansfield Lab</b>											
Aluminum, Dissolved	0.00863	J	mg/l	0.0100	0.00327	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00048	J	mg/l	0.00400	0.00042	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00210		mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1202		mg/l	0.00050	0.00017	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Calcium, Dissolved	104.		mg/l	0.100	0.0394	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00105		mg/l	0.00100	0.00017	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00042	J	mg/l	0.00100	0.00038	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Iron, Dissolved	6.04		mg/l	0.0500	0.0191	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	44.8		mg/l	0.0700	0.0242	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Manganese, Dissolved	1.153		mg/l	0.00100	0.00044	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/18 11:08	06/04/18 19:33	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Potassium, Dissolved	143.		mg/l	0.100	0.0309	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Sodium, Dissolved	278.		mg/l	0.100	0.0293	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00444	J	mg/l	0.01000	0.00341	1	06/05/18 08:00	06/05/18 14:05	EPA 3005A	1,6020A	AM





**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 15-17 Batch: WG1121485-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	06/01/18 11:08	06/04/18 19:20	1,7470A	EA

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1121782-1									
Mercury, Total	ND	mg/kg	0.083	0.018	1	06/02/18 08:00	06/04/18 14:02	1,7471B	KA

### Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1122307-1										
Aluminum, Total	ND	mg/kg	4.00	1.08	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Antimony, Total	ND	mg/kg	2.00	0.152	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Arsenic, Total	ND	mg/kg	0.400	0.083	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Barium, Total	ND	mg/kg	0.400	0.070	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Beryllium, Total	ND	mg/kg	0.200	0.013	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Cadmium, Total	ND	mg/kg	0.400	0.039	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Calcium, Total	ND	mg/kg	4.00	1.40	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Cobalt, Total	ND	mg/kg	0.800	0.066	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Copper, Total	ND	mg/kg	0.400	0.103	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Iron, Total	0.756	J	mg/kg	2.00	0.361	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC
Lead, Total	ND	mg/kg	2.00	0.107	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Magnesium, Total	ND	mg/kg	4.00	0.616	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Manganese, Total	ND	mg/kg	0.400	0.064	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Nickel, Total	ND	mg/kg	1.00	0.097	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC	
Potassium, Total	8.36	J	mg/kg	100	5.76	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

## Method Blank Analysis Batch Quality Control

Selenium, Total	ND		mg/kg	0.800	0.103	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC
Sodium, Total	48.0	J	mg/kg	80.0	1.26	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/04/18 20:23	06/05/18 21:34	1,6010C	MC

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 15-17 Batch: WG1122477-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Antimony, Dissolved	0.00076	J	mg/l	0.00400	0.00042	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Calcium, Dissolved	0.199		mg/l	0.100	0.0394	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Sodium, Dissolved	0.0347	J	mg/l	0.100	0.0293	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/05/18 08:00	06/05/18 13:33	1,6020A	AM

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

## Method Blank Analysis Batch Quality Control

### Prep Information

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Digestion Method: EPA 3005A

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 Batch: WG1121485-2								
Mercury, Dissolved	90		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1121782-2 SRM Lot Number: D098-540								
Mercury, Total	113		-		50-149	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1122307-2 SRM Lot Number: D098-540					
Aluminum, Total	72	-	47-153	-	
Antimony, Total	149	-	6-194	-	
Arsenic, Total	96	-	83-117	-	
Barium, Total	92	-	82-118	-	
Beryllium, Total	94	-	83-117	-	
Cadmium, Total	98	-	82-117	-	
Calcium, Total	94	-	81-118	-	
Chromium, Total	93	-	83-119	-	
Cobalt, Total	95	-	84-116	-	
Copper, Total	94	-	84-116	-	
Iron, Total	91	-	60-140	-	
Lead, Total	90	-	82-117	-	
Magnesium, Total	84	-	76-124	-	
Manganese, Total	94	-	82-118	-	
Nickel, Total	93	-	82-117	-	
Potassium, Total	86	-	69-131	-	
Selenium, Total	96	-	78-121	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	110	-	74-126	-	
Thallium, Total	93	-	80-119	-	
Vanadium, Total	91	-	79-121	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1122307-2 SRM Lot Number: D098-540					
Zinc, Total	94	-	81-119	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 Batch: WG1122477-2					
Aluminum, Dissolved	98	-	80-120	-	
Antimony, Dissolved	96	-	80-120	-	
Arsenic, Dissolved	111	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	108	-	80-120	-	
Cadmium, Dissolved	112	-	80-120	-	
Calcium, Dissolved	91	-	80-120	-	
Chromium, Dissolved	95	-	80-120	-	
Cobalt, Dissolved	98	-	80-120	-	
Copper, Dissolved	101	-	80-120	-	
Iron, Dissolved	102	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	100	-	80-120	-	
Manganese, Dissolved	97	-	80-120	-	
Nickel, Dissolved	100	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	112	-	80-120	-	
Silver, Dissolved	97	-	80-120	-	
Sodium, Dissolved	106	-	80-120	-	
Thallium, Dissolved	100	-	80-120	-	
Vanadium, Dissolved	96	-	80-120	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 Batch: WG1122477-2					
Zinc, Dissolved	110	-	80-120	-	



### Matrix Spike Analysis Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 QC Batch ID: WG1121485-3 QC Sample: L1819838-15 Client ID: MW01_053018												
Mercury, Dissolved	ND	0.005	0.00465	93		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1121782-3 QC Sample: L1819896-01 Client ID: MS Sample												
Mercury, Total	0.024J	0.13	0.181	139	Q	-	-		80-120	-		20

## Matrix Spike Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

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): 01-14    QC Batch ID: WG1122307-3 WG1122307-4    QC Sample: L1819909-02    Client ID: MS Sample											
Aluminum, Total	12800	298	15500	906	Q	14300	507	Q	75-125	8	20
Antimony, Total	ND	74.5	66.4	89		68.2	92		75-125	3	20
Arsenic, Total	13.3	17.9	32.4	107		33.0	111		75-125	2	20
Barium, Total	79.7	298	386	103		373	99		75-125	3	20
Beryllium, Total	0.624J	7.45	7.91	106		7.33	99		75-125	8	20
Cadmium, Total	0.401J	7.6	7.57	100		7.72	102		75-125	2	20
Calcium, Total	18000	1490	25000	470	Q	21600	244	Q	75-125	15	20
Chromium, Total	15.7	29.8	45.9	101		44.4	97		75-125	3	20
Cobalt, Total	12.2	74.5	78.6	89		79.4	91		75-125	1	20
Copper, Total	28.9	37.2	68.2	106		68.4	107		75-125	0	20
Iron, Total	28300	149	31300	2010	Q	30200	1280	Q	75-125	4	20
Lead, Total	17.6	76	85.6	89		87.3	92		75-125	2	20
Magnesium, Total	5550	1490	7580	136	Q	7080	104		75-125	7	20
Manganese, Total	586.	74.5	707	162	Q	697	150	Q	75-125	1	20
Nickel, Total	23.4	74.5	90.1	90		90.0	90		75-125	0	20
Potassium, Total	1180	1490	2740	105		2670	101		75-125	3	20
Selenium, Total	0.951J	17.9	18.7	104		18.8	106		75-125	1	20
Silver, Total	ND	44.7	44.6	100		44.5	100		75-125	0	20
Sodium, Total	1130	1490	2250	75		1960	56	Q	75-125	14	20
Thallium, Total	ND	17.9	14.2	79		14.3	81		75-125	1	20
Vanadium, Total	17.7	74.5	93.1	101		90.5	98		75-125	3	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1122307-3 WG1122307-4 QC Sample: L1819909-02 Client ID: MS Sample									
Zinc, Total	144.	74.5	233	119	229	115	75-125	2	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 QC Batch ID: WG1122477-3 QC Sample: L1819838-16 Client ID: MW02_053018									
Aluminum, Dissolved	0.0102	2	1.92	95	-	-	75-125	-	20
Antimony, Dissolved	0.00083J	0.5	0.6427	128	Q	-	75-125	-	20
Arsenic, Dissolved	0.00118	0.12	0.1351	112	-	-	75-125	-	20
Barium, Dissolved	0.3544	2	2.363	100	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05240	105	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05325	104	-	-	75-125	-	20
Calcium, Dissolved	137.	10	140	30	Q	-	75-125	-	20
Chromium, Dissolved	0.00033J	0.2	0.1875	94	-	-	75-125	-	20
Cobalt, Dissolved	0.00031J	0.5	0.4825	96	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2378	95	-	-	75-125	-	20
Iron, Dissolved	29.9	1	29.2	0	Q	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5314	104	-	-	75-125	-	20
Magnesium, Dissolved	26.5	10	35.6	91	-	-	75-125	-	20
Manganese, Dissolved	0.3995	0.5	0.8734	95	-	-	75-125	-	20
Nickel, Dissolved	ND	0.5	0.4907	98	-	-	75-125	-	20
Potassium, Dissolved	47.3	10	55.2	79	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.132	110	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04675	94	-	-	75-125	-	20
Sodium, Dissolved	160.	10	188	280	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1184	99	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4743	95	-	-	75-125	-	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 QC Batch ID: WG1122477-3 QC Sample: L1819838-16 Client ID: MW02_053018									
Zinc, Dissolved	ND	0.5	0.5225	104	-	-	75-125	-	20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 QC Batch ID: WG1121485-4 QC Sample: L1819838-15 Client ID: MW01_053018						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1121782-4 QC Sample: L1819896-01 Client ID: DUP Sample						
Mercury, Total	0.024J	ND	mg/kg	NC		20

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 QC Batch ID: WG1122477-4 QC Sample: L1819838-16 Client ID: MW02_053018					
Aluminum, Dissolved	0.0102	0.0109	mg/l	7	20
Antimony, Dissolved	0.00083J	0.00232J	mg/l	NC	20
Arsenic, Dissolved	0.00118	0.00117	mg/l	1	20
Barium, Dissolved	0.3544	0.3510	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	137.	134	mg/l	2	20
Chromium, Dissolved	0.00033J	0.00026J	mg/l	NC	20
Cobalt, Dissolved	0.00031J	0.00030J	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	29.9	29.2	mg/l	2	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	26.5	25.9	mg/l	2	20
Manganese, Dissolved	0.3995	0.3890	mg/l	3	20
Nickel, Dissolved	ND	ND	mg/l	NC	20
Potassium, Dissolved	47.3	46.6	mg/l	1	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	160.	158	mg/l	1	20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819838

**Report Date:** 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 15-17 QC Batch ID: WG1122477-4 QC Sample: L1819838-16 Client ID: MW02_053018					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20



# **INORGANICS & MISCELLANEOUS**

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-01  
**Client ID:** EB02\_1-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	85.7		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/31/18 11:45	05/31/18 15:52	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.933	0.187	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-02  
**Client ID:** EB02\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 08:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	79.7		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	05/31/18 11:45	05/31/18 15:53	1,9010C/9012B	ML
Chromium, Hexavalent	0.213	J	mg/kg	1.00	0.201	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-03  
**Client ID:** EB03\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:10  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	86.5		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	05/31/18 11:45	05/31/18 15:54	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.925	0.185	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-04  
**Client ID:** EB03\_8-9  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	62.3		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.6	0.33	1	05/31/18 11:45	05/31/18 15:57	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	1.28	0.257	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-05  
**Client ID:** EB06\_0-1  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:35  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	80.3		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	05/31/18 13:10	05/31/18 16:23	1,9010C/9012B	ML
Chromium, Hexavalent	1.06		mg/kg	0.996	0.199	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-06  
**Client ID:** EB06\_5-6  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	84.4		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	05/31/18 13:10	05/31/18 16:26	1,9010C/9012B	ML
Chromium, Hexavalent	0.213	J	mg/kg	0.948	0.190	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-07  
**Client ID:** EB06\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 12:00  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	83.6		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	05/31/18 13:10	05/31/18 16:27	1,9010C/9012B	ML
Chromium, Hexavalent	0.203	J	mg/kg	0.957	0.191	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ





**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-08  
**Client ID:** EB01\_0-2  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:55  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.3		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	0.38	J	mg/kg	1.0	0.22	1	05/31/18 13:10	05/31/18 16:30	1,9010C/9012B	ML
Chromium, Hexavalent	0.332	J	mg/kg	0.916	0.183	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-09  
**Client ID:** EB01\_6-7  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	82.7		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	0.40	J	mg/kg	1.2	0.25	1	05/31/18 13:10	05/31/18 16:31	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.967	0.193	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-10  
**Client ID:** EB01\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 10:25  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	66.2		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	1.0	J	mg/kg	1.4	0.29	1	05/31/18 13:10	05/31/18 16:32	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	1.21	0.242	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-11  
**Client ID:** EB04\_6-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:40  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.3		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	0.88	J	mg/kg	1.0	0.22	1	05/31/18 13:10	05/31/18 16:33	1,9010C/9012B	ML
Chromium, Hexavalent	0.195	J	mg/kg	0.916	0.183	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-12  
**Client ID:** EB04\_11-12  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 11:30  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	91.7		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	0.61	J	mg/kg	1.0	0.22	1	06/04/18 17:10	06/05/18 11:09	1,9010C/9012B	LH
Chromium, Hexavalent	0.371	J	mg/kg	0.872	0.174	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-13  
**Client ID:** EB05\_1-3  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:15  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	83.0		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/04/18 17:10	06/05/18 11:10	1,9010C/9012B	LH
Chromium, Hexavalent	0.277	J	mg/kg	0.964	0.193	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-14  
**Client ID:** EB05\_7-8  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 09:20  
**Date Received:** 05/30/18  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	83.4		%	0.100	NA	1	-	06/01/18 16:27	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/04/18 17:10	06/05/18 11:11	1,9010C/9012B	LH
Chromium, Hexavalent	0.336	J	mg/kg	0.959	0.192	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-15  
**Client ID:** MW01\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:17  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/18 14:45	06/05/18 10:27	1,9010C/9012B	LH





**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-16  
**Client ID:** MW02\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 14:52  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/18 14:45	06/05/18 10:30	1,9010C/9012B	LH



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**SAMPLE RESULTS**

**Lab ID:** L1819838-17  
**Client ID:** MW03\_053018  
**Sample Location:** BROOKLYN, NY

**Date Collected:** 05/30/18 13:15  
**Date Received:** 05/30/18  
**Field Prep:** Refer to COC

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/04/18 14:45	06/05/18 10:31	1,9010C/9012B	LH



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1121079-1									
Cyanide, Total	ND	mg/kg	0.87	0.18	1	05/31/18 11:45	05/31/18 15:44	1,9010C/9012B	ML
General Chemistry - Westborough Lab for sample(s): 05-11 Batch: WG1121103-1									
Cyanide, Total	ND	mg/kg	0.87	0.18	1	05/31/18 13:10	05/31/18 16:18	1,9010C/9012B	ML
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1121563-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ
General Chemistry - Westborough Lab for sample(s): 08-14 Batch: WG1121564-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	05/31/18 23:30	06/02/18 01:30	1,7196A	AJ
General Chemistry - Westborough Lab for sample(s): 12-14 Batch: WG1122175-1									
Cyanide, Total	ND	mg/kg	0.98	0.21	1	06/04/18 17:10	06/05/18 11:00	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 15-17 Batch: WG1122208-1									
Cyanide, Total	ND	mg/l	0.005	0.001	1	06/04/18 14:45	06/05/18 10:20	1,9010C/9012B	LH

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1121079-2 WG1121079-3								
Cyanide, Total	80		75	Q	80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 05-11 Batch: WG1121103-2 WG1121103-3								
Cyanide, Total	78	Q	74	Q	80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1121563-2								
Chromium, Hexavalent	96		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 08-14 Batch: WG1121564-2								
Chromium, Hexavalent	96		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 12-14 Batch: WG1122175-2 WG1122175-3								
Cyanide, Total	45	Q	45	Q	80-120	7		35
General Chemistry - Westborough Lab Associated sample(s): 15-17 Batch: WG1122208-2 WG1122208-3								
Cyanide, Total	94		98		85-115	4		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05-11 QC Batch ID: WG1121103-4 WG1121103-5 QC Sample: L1819838-05 Client ID: EB06_0-1												
Cyanide, Total	ND	12	10	80		11	95		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1121563-4 QC Sample: L1819838-05 Client ID: EB06_0-1												
Chromium, Hexavalent	1.06	1280	1220	95		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 08-14 QC Batch ID: WG1121564-4 QC Sample: L1819838-14 Client ID: EB05_7-8												
Chromium, Hexavalent	0.336J	828	798	96		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 12-14 QC Batch ID: WG1122175-4 WG1122175-5 QC Sample: L1820145-01 Client ID: MS Sample												
Cyanide, Total	ND	10	9.5	94		9.2	94		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 15-17 QC Batch ID: WG1122208-4 WG1122208-5 QC Sample: L1820039-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.196	98		0.196	98		80-120	0		20

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819838

Report Date: 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1121563-6 QC Sample: L1819838-05 Client ID: EB06_0-1						
Chromium, Hexavalent	1.06	0.436J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 08-14 QC Batch ID: WG1121564-6 QC Sample: L1819838-14 Client ID: EB05_7-8						
Chromium, Hexavalent	0.336J	0.348J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1121605-1 QC Sample: L1819848-05 Client ID: DUP Sample						
Solids, Total	84.7	84.4	%	0		20

**Project Name:** 12 FRANKLIN STREET**Lab Number:** L1819838**Project Number:** 170467101**Report Date:** 06/06/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent
C	Absent
D	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1819838-01A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-01B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-01C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-01D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1819838-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-01F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-02A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-02B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-02C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-02D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1819838-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-02F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-03A	Vial MeOH preserved	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1819838-03B	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1819838-03C	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-03D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)
L1819838-03E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-03F	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-04A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-04B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-04C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-04D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1819838-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-04F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-05A	Vial MeOH preserved	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1819838-05B	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-05C	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-05D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)
L1819838-05E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-05F	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-06A	Vial MeOH preserved	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1819838-06B	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-06C	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-06D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Serial\_No:**06061821:27  
**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1819838-06E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-06F	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-07A	Vial MeOH preserved	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1819838-07B	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-07C	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-07D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)
L1819838-07E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-07F	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-08A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-08B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-08C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-08D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1819838-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-08F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-09A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-09B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-09C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-09D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Serial\_No:**06061821:27  
**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1819838-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-09F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-10A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-10B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-10C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-10D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1819838-10E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-10F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-11A	Vial MeOH preserved	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1819838-11B	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-11C	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-11D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)
L1819838-11E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-11F	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-12A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-12B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-12C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-12D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Serial\_No:**06061821:27  
**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1819838-12E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-12F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-13A	Vial MeOH preserved	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1819838-13B	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-13C	Vial water preserved	C	NA		4.1	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-13D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)
L1819838-13E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-13F	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-14A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1819838-14B	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-14C	Vial water preserved	B	NA		2.9	Y	Absent	31-MAY-18 05:55	NYTCL-8260HLW(14)
L1819838-14D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1819838-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1819838-14F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1819838-15A	Vial HCl preserved	D	NA		2.5	Y	Absent		NYTCL-8260(14)
L1819838-15B	Vial HCl preserved	D	NA		2.5	Y	Absent		NYTCL-8260(14)
L1819838-15C	Vial HCl preserved	D	NA		2.5	Y	Absent		NYTCL-8260(14)

Project Name: 12 FRANKLIN STREET

Lab Number: L1819838

Project Number: 170467101

Report Date: 06/06/18

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1819838-15D	Plastic 250ml HNO3 preserved	D	<2	<2	2.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1819838-15E	Plastic 250ml NaOH preserved	D	>12	>12	2.5	Y	Absent		TCN-9010(14)
L1819838-15F	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8082-1200ML(7)
L1819838-15G	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8082-1200ML(7)
L1819838-15H	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1819838-15I	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1819838-16A	Vial HCl preserved	D	NA		2.5	Y	Absent		NYTCL-8260(14)
L1819838-16B	Vial HCl preserved	D	NA		2.5	Y	Absent		NYTCL-8260(14)
L1819838-16C	Vial HCl preserved	D	NA		2.5	Y	Absent		NYTCL-8260(14)
L1819838-16D	Plastic 250ml HNO3 preserved	D	<2	<2	2.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1819838-16E	Plastic 250ml NaOH preserved	D	>12	>12	2.5	Y	Absent		TCN-9010(14)
L1819838-16F	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8082-1200ML(7)
L1819838-16G	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8082-1200ML(7)
L1819838-16H	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1819838-16I	Amber 1000ml unpreserved	D	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1819838-17A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1819838-17B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1819838-17C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Serial\_No:**06061821:27  
**Lab Number:** L1819838  
**Report Date:** 06/06/18

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1819838-17D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1819838-17E	Plastic 250ml NaOH preserved	A	>12	>12	3.3	Y	Absent		TCN-9010(14)
L1819838-17F	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1819838-17G	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1819838-17H	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1819838-17I	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)

\*Values in parentheses indicate holding time in days



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

## GLOSSARY

### Acronyms

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).
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.
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.
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.
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.
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.

### 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.

**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.

**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 Condensation Product".
- 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

**Report Format:** DU Report with 'J' Qualifiers



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

#### Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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).
- 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:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819838  
**Report Date:** 06/06/18

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 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

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

### Westborough Facility

**EPA 624:** m/p-xylene, o-xylene

**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**EPA 300:** DW: Bromide

**EPA 6860:** SCM: Perchlorate

**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation

**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### 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

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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**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

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

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, 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 624:** Volatile Halocarbons & Aromatics,

**EPA 608:** 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:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, 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.**

#### 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, Pb, Mn, Ni, Se, Ag, TL, Zn.


**EPA 245.1 Hg.**

**SM2340B**

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

 <b>NEW YORK CHAIN OF CUSTODY</b> Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	<b>NEW YORK CHAIN OF CUSTODY</b> Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 2	Date Rec'd in Lab 5/30/18	ALPHA Job # L1819838																																																																																																																																																	
		<b>Project Information</b> Project Name: <u>12 Franklin Street</u> Project Location: <u>Brooklyn, NY</u> Project # <u>170467101</u> (Use Project name as Project #) <input type="checkbox"/>		<b>Deliverables:</b> <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other <u>Standard</u>		<b>Billing Information</b> <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																																																																
<b>Client Information</b> Client: <u>Langan</u> Address: <u>360 W 31st St 8th Fl</u> <u>New York, NY 10001</u> Phone: <u>212-477-5400</u> Fax: <u>212-477-5444</u> Email: <u>pmcmahon@langan.com</u>		<b>Project Manager:</b> <u>Paul McMahon</u> ALPHAQuote #:		<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input checked="" 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		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																																																																
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Please specify Metals or TAL.		<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> <th rowspan="2">Part 375 TCL Vials</th> <th rowspan="2">Part 375 TCL SVCS</th> <th rowspan="2">Particulates / PCBs</th> <th rowspan="2">TAL Metals</th> <th rowspan="2">Hex. Carbon</th> <th rowspan="2">Cyanide</th> <th rowspan="2">Total Bottles</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>1988-01</td><td>EB02-1-2</td><td>5/30/18</td><td>0825</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>02</td><td>EB02-7-8</td><td>5/30/18</td><td>0835</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>03</td><td>EB03-0-1</td><td>5/30/18</td><td>1110</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>04</td><td>EB03-8-9</td><td>5/30/18</td><td>1115</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>05</td><td>EB06-0-1</td><td>5/30/18</td><td>0935</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>06</td><td>EB06-5-6</td><td>5/30/18</td><td>1000</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>07</td><td>EB06-11-12</td><td>5/30/18</td><td>1200</td><td>S</td><td>ERA</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>08</td><td>EB01-0-2</td><td>5/30/18</td><td>1155</td><td>S</td><td>KG</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>09</td><td>EB01-6-7</td><td>5/30/18</td><td>1030</td><td>S</td><td>KG</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr> <tr><td>10</td><td>EB01-11-12</td><td>5/30/18</td><td>1025</td><td>S</td><td>KG</td><td>✓</td><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	Part 375 TCL Vials	Part 375 TCL SVCS	Particulates / PCBs	TAL Metals	Hex. Carbon	Cyanide	Total Bottles	Date	Time	1988-01	EB02-1-2	5/30/18	0825	S	ERA	✓	✓	✓	✓	✓			02	EB02-7-8	5/30/18	0835	S	ERA	✓	✓	✓	✓	✓			03	EB03-0-1	5/30/18	1110	S	ERA	✓	✓	✓	✓	✓			04	EB03-8-9	5/30/18	1115	S	ERA	✓	✓	✓	✓	✓			05	EB06-0-1	5/30/18	0935	S	ERA	✓	✓	✓	✓	✓			06	EB06-5-6	5/30/18	1000	S	ERA	✓	✓	✓	✓	✓			07	EB06-11-12	5/30/18	1200	S	ERA	✓	✓	✓	✓	✓			08	EB01-0-2	5/30/18	1155	S	KG	✓	✓	✓	✓	✓			09	EB01-6-7	5/30/18	1030	S	KG	✓	✓	✓	✓	✓			10	EB01-11-12	5/30/18	1025	S	KG	✓	✓	✓	✓	✓			Sample Specific Comments	
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Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 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: <u>✓ A A A</u> Preservative: <u>PA A A A</u>		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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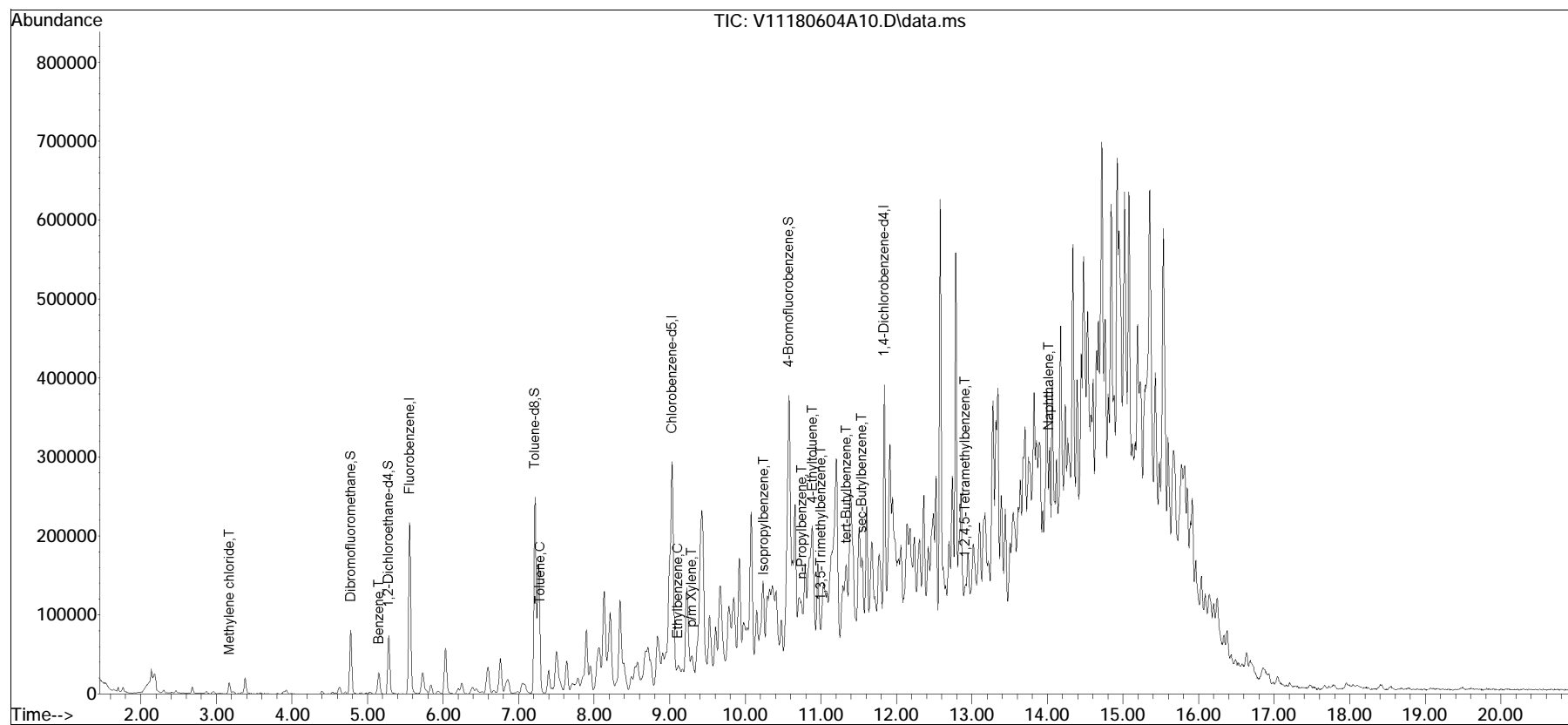
 <b>NEW YORK CHAIN OF CUSTODY</b>	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #			
		2 of 2	5/30/18	L1819838			
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Project Information</b>		<b>Deliverables</b>	<b>Billing Information</b>		
Project Name: <u>12 Franklin Street</u> Project Location: <u>Brooklyn, NY</u> Project # <u>170467101</u>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input checked="" type="checkbox"/> Other <u>Standard</u>		<input checked="" type="checkbox"/> Same as Client Info PO #			
<b>Client Information</b>		<b>Regulatory Requirement</b>		<b>Disposal Site Information</b>			
Client: <u>Longer</u> Address: <u>360 W 31st St apt A</u> <u>New York, NY 10001</u> Phone: <u>212-479-5400</u> Fax: <u>212-479-5444</u> Email: <u>puckelw@longer-ur</u>		(Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>David McMeekin</u> ALPHAQuote #:		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		<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					
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:		<b>ANALYSIS</b>		<b>Sample Filtration</b>			
Please specify Metals or TAL.		Port 515/TCL VOCs Port 301/TCL VOCs Pesticides/PAHs TAL Metals Hex Chloride Cyanide Dissolved metals		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments	
		Date	Time				
14838-11	EB04-6-8	5/30/18	1140	S	KG		
12	EB04-11-12	5/30/18	1130	S	KG		
13	EB05-1-3	5/30/18	915	S	KG		
14	EB05-7-18	5/30/18	920	S	KG		
15	MW01-053018	5/30/18	1317	GW	KG	No Pesticides	
16	MW02-053018	5/30/18	1452	GW	KG	No Pesticides	
17	MW03-053018	5/30/18	1315	GW	BKA	No Pesticides	
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 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		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.)	
				Container Type: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Preservative: A/P A A A			
Relinquished By:		Date/Time		Received By:		Date/Time	
<u>[Signature]</u>		5/30/18 1535		<u>Paul Massella</u>		5/30/18 1535	
<u>Paul Massella</u>		5/30/18 1845		<u>Daniel Santos</u>		5/30/18 1900	
<u>Daniel Santos</u>		5/30/18 2315		<u>[Signature]</u>		5/30/18 2315	

## Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2018\180604A\  
Data File : V11180604A10.D  
Acq On : 04 Jun 2018 12:23 pm  
Operator : VOA111:JC  
Sample : 11819838-10,31H,4.8,5,0.100,,a  
Misc : WG1122220,ICAL14484  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 04 13:37:01 2018  
Quant Method : I:\VOLATILES\VOA111\2018\180604A\V111\_180226N\_8260.m  
Quant Title : VOLATILES BY GC/MS  
QLast Update : Wed Feb 28 12:51:06 2018  
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox80604A\V11180604A01.D•





## ANALYTICAL REPORT

Lab Number:	L1819907
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	12 FRANKLIN STREET
Project Number:	170467101
Report Date:	06/06/18

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-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).

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L1819907-01	SSV01_053018	SOIL_VAPOR	BROOKLYN, NY	05/30/18 13:30	05/30/18
L1819907-02	SSV02_053018	SOIL_VAPOR	BROOKLYN, NY	05/30/18 12:01	05/30/18
L1819907-03	SSV03_053018	SOIL_VAPOR	BROOKLYN, NY	05/30/18 13:55	05/30/18
L1819907-04	UNUSED CAN #2242	SOIL_VAPOR	BROOKLYN, NY		05/30/18

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### Case Narrative (continued)

#### Volatile Organics in Air

Canisters were released from the laboratory on May 30, 2018. The canister certification results are provided as an addendum.

The samples designated SSV02\_053018 (L1819907-02) and SSV03\_053018 (L1819907-03) required a dilution greater than 4X; based on direction from the client the New York Decision Matrix Compounds have been reported by TO15-SIM for these samples.

L1819907-01 through-03: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/06/18



**AIR**

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-01 D  
 Client ID: SSV01\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:30  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 06/05/18 19:32  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethyl Alcohol	78.5	10.0	--	148	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	461	2.00	--	1100	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	5.39	1.00	--	13.2	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	14.0	1.00	--	42.4	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	0.982	0.400	--	3.06	1.25	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	126	1.00	--	372	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-01 D  
 Client ID: SSV01\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:30  
 Date Received: 05/30/18  
 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	1.00	--	ND	3.60	--		2
Chloroform	34.3	0.400	--	168	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	4.82	0.400	--	17.0	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	0.608	0.400	--	1.94	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	6.18	0.400	--	21.3	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	16.6	0.400	--	68.0	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	1.58	0.400	--	5.95	1.51	--		2
2-Hexanone	31.7	0.400	--	130	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	3.22	0.400	--	21.8	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	0.436	0.400	--	1.89	1.74	--		2



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-01 D  
 Client ID: SSV01\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:30  
 Date Received: 05/30/18  
 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	1.55	0.800	--	6.73	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	0.688	0.400	--	2.99	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	0.510	0.400	--	2.51	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	102		60-140



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-02 D  
 Client ID: SSV02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 12:01  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 06/05/18 20:33  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	10.1	2.00	--	22.3	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	120	50.0	--	226	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	378	10.0	--	898	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	140	5.00	--	344	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	30.6	5.00	--	92.8	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	8.58	2.00	--	26.7	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	9.26	2.00	--	37.5	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	80.1	5.00	--	236	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-02 D  
 Client ID: SSV02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 12:01  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	14.1	2.00	--	68.9	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	6.24	2.00	--	22.0	7.05	--		10
1,1,1-Trichloroethane	774	2.00	--	4220	10.9	--		10
Benzene	4.01	2.00	--	12.8	6.39	--		10
Carbon tetrachloride	2.31	2.00	--	14.5	12.6	--		10
Cyclohexane	3.29	2.00	--	11.3	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	5.49	2.00	--	22.5	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	3.37	2.00	--	12.7	7.54	--		10
2-Hexanone	17.9	2.00	--	73.4	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



**Project Name:** 12 FRANKLIN STREET**Lab Number:** L1819907**Project Number:** 170467101**Report Date:** 06/06/18**SAMPLE RESULTS**

Lab ID: L1819907-02 D

Date Collected: 05/30/18 12:01

Client ID: SSV02\_053018

Date Received: 05/30/18

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	111		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	107		60-140



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-02 D  
 Client ID: SSV02\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 12:01  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 06/05/18 20:33  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Carbon tetrachloride	2.40	0.200	--	15.1	1.26	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
Tetrachloroethene	0.430	0.200	--	2.92	1.36	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	113		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	105		60-140





**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-03 D  
 Client ID: SSV03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:55  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 06/05/18 21:03  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	6.90	2.00	--	15.3	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	214	50.0	--	403	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	511	10.0	--	1210	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	19.4	5.00	--	47.7	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	11.3	5.00	--	34.3	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	20.5	2.00	--	63.8	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	6.09	2.00	--	24.6	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	113	5.00	--	333	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-03 D  
 Client ID: SSV03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:55  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	11.9	2.00	--	58.1	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	18.3	2.00	--	64.5	7.05	--		10
1,1,1-Trichloroethane	662	2.00	--	3610	10.9	--		10
Benzene	8.06	2.00	--	25.7	6.39	--		10
Carbon tetrachloride	23.9	2.00	--	150	12.6	--		10
Cyclohexane	6.43	2.00	--	22.1	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	9.60	2.00	--	39.3	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	5.10	2.00	--	19.2	7.54	--		10
2-Hexanone	33.4	2.00	--	137	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	27.6	2.00	--	187	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-03 D  
 Client ID: SSV03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:55  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	105		60-140



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

### SAMPLE RESULTS

Lab ID: L1819907-03 D  
 Client ID: SSV03\_053018  
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/18 13:55  
 Date Received: 05/30/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 06/05/18 21:03  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,1-Dichloroethene	1.45	0.200	--	5.75	0.793	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Carbon tetrachloride	23.4	0.200	--	147	1.26	--		10
Trichloroethene	1.25	0.200	--	6.72	1.07	--		10
Tetrachloroethene	27.4	0.200	--	186	1.36	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	108		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	103		60-140



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1122716-4								
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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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
iso-Propyl Alcohol	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
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1122716-4								
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
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
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
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		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
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1122716-4								
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



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1122716-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-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 (C10)	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 (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1





Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1122716-4								
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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 02-03 Batch: WG1122720-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
tert-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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 02-03 Batch: WG1122720-4								
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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	0.050	--	ND	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 02-03 Batch: WG1122720-4								
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
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		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
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



Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 06/05/18 14:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 02-03 Batch: WG1122720-4								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Lab Number:** L1819907

**Project Number:** 170467101

**Report Date:** 06/06/18

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1122716-3								
Chlorodifluoromethane	83		-		70-130	-		
Propylene	105		-		70-130	-		
Propane	89		-		70-130	-		
Dichlorodifluoromethane	79		-		70-130	-		
Chloromethane	108		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110		-		70-130	-		
Methanol	106		-		70-130	-		
Vinyl chloride	105		-		70-130	-		
1,3-Butadiene	109		-		70-130	-		
Butane	103		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	106		-		70-130	-		
Ethyl Alcohol	111		-		70-130	-		
Dichlorofluoromethane	100		-		70-130	-		
Vinyl bromide	105		-		70-130	-		
Acrolein	86		-		70-130	-		
Acetone	96		-		70-130	-		
Acetonitrile	110		-		70-130	-		
Trichlorofluoromethane	106		-		70-130	-		
iso-Propyl Alcohol	89		-		70-130	-		
Acrylonitrile	98		-		70-130	-		
Pentane	100		-		70-130	-		
Ethyl ether	98		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Lab Number:** L1819907

**Project Number:** 170467101

**Report Date:** 06/06/18

Parameter	LCS	Qual	LCSD	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1122716-3								
1,1-Dichloroethene	106		-		70-130	-		
tert-Butyl Alcohol	96		-		70-130	-		
Methylene chloride	112		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	86		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
1,1-Dichloroethane	85		-		70-130	-		
Methyl tert butyl ether	81		-		70-130	-		
Vinyl acetate	103		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	89		-		70-130	-		
Ethyl Acetate	104		-		70-130	-		
Chloroform	89		-		70-130	-		
Tetrahydrofuran	83		-		70-130	-		
2,2-Dichloropropane	76		-		70-130	-		
1,2-Dichloroethane	86		-		70-130	-		
n-Hexane	102		-		70-130	-		
Isopropyl Ether	91		-		70-130	-		
Ethyl-Tert-Butyl-Ether	86		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
1,1-Dichloropropene	91		-		70-130	-		
Benzene	95		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1122716-3								
Carbon tetrachloride	95		-		70-130	-		
Cyclohexane	97		-		70-130	-		
Tertiary-Amyl Methyl Ether	81		-		70-130	-		
Dibromomethane	96		-		70-130	-		
1,2-Dichloropropane	99		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Methyl Methacrylate	86		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	105		-		70-130	-		
trans-1,3-Dichloropropene	81		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	92		-		70-130	-		
1,3-Dichloropropane	88		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	100		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		
Butyl Acetate	81		-		70-130	-		
Octane	81		-		70-130	-		
Tetrachloroethene	94		-		70-130	-		



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819907

**Report Date:** 06/06/18

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1122716-3								
1,1,1,2-Tetrachloroethane	88		-		70-130	-		
Chlorobenzene	91		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	92		-		70-130	-		
1,1,1,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	97		-		70-130	-		
1,2,3-Trichloropropane	88		-		70-130	-		
Nonane (C9)	94		-		70-130	-		
Isopropylbenzene	91		-		70-130	-		
Bromobenzene	87		-		70-130	-		
o-Chlorotoluene	89		-		70-130	-		
n-Propylbenzene	87		-		70-130	-		
p-Chlorotoluene	86		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	92		-		70-130	-		
tert-Butylbenzene	91		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
Decane (C10)	92		-		70-130	-		
Benzyl chloride	97		-		70-130	-		
1,3-Dichlorobenzene	95		-		70-130	-		
1,4-Dichlorobenzene	97		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819907

**Report Date:** 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1122716-3								
sec-Butylbenzene	90		-		70-130	-		
p-Isopropyltoluene	84		-		70-130	-		
1,2-Dichlorobenzene	87		-		70-130	-		
n-Butylbenzene	92		-		70-130	-		
1,2-Dibromo-3-chloropropane	91		-		70-130	-		
Undecane	107		-		70-130	-		
Dodecane (C12)	<b>137</b>	Q	-		70-130	-		
1,2,4-Trichlorobenzene	121		-		70-130	-		
Naphthalene	101		-		70-130	-		
1,2,3-Trichlorobenzene	104		-		70-130	-		
Hexachlorobutadiene	111		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819907

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02-03 Batch: WG1122720-3								
Propylene	104		-		70-130	-		25
Dichlorodifluoromethane	93		-		70-130	-		25
Chloromethane	103		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104		-		70-130	-		25
Vinyl chloride	102		-		70-130	-		25
1,3-Butadiene	110		-		70-130	-		25
Bromomethane	103		-		70-130	-		25
Chloroethane	104		-		70-130	-		25
Ethyl Alcohol	108		-		70-130	-		25
Vinyl bromide	103		-		70-130	-		25
Acetone	94		-		70-130	-		25
Trichlorofluoromethane	105		-		70-130	-		25
iso-Propyl Alcohol	92		-		70-130	-		25
Acrylonitrile	98		-		70-130	-		25
1,1-Dichloroethene	85		-		70-130	-		25
tert-Butyl Alcohol <sup>1</sup>	72		-		70-130	-		25
Methylene chloride	94		-		70-130	-		25
3-Chloropropene	94		-		70-130	-		25
Carbon disulfide	84		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	87		-		70-130	-		25
trans-1,2-Dichloroethene	82		-		70-130	-		25
1,1-Dichloroethane	82		-		70-130	-		25
Methyl tert butyl ether	79		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Lab Number: L1819907

Project Number: 170467101

Report Date: 06/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02-03 Batch: WG1122720-3								
Vinyl acetate	97		-		70-130	-		25
2-Butanone	97		-		70-130	-		25
cis-1,2-Dichloroethene	82		-		70-130	-		25
Ethyl Acetate	104		-		70-130	-		25
Chloroform	88		-		70-130	-		25
Tetrahydrofuran	84		-		70-130	-		25
1,2-Dichloroethane	85		-		70-130	-		25
n-Hexane	98		-		70-130	-		25
1,1,1-Trichloroethane	94		-		70-130	-		25
Benzene	93		-		70-130	-		25
Carbon tetrachloride	93		-		70-130	-		25
Cyclohexane	98		-		70-130	-		25
Dibromomethane <sup>1</sup>	85		-		70-130	-		25
1,2-Dichloropropane	95		-		70-130	-		25
Bromodichloromethane	99		-		70-130	-		25
1,4-Dioxane	107		-		70-130	-		25
Trichloroethene	95		-		70-130	-		25
2,2,4-Trimethylpentane	101		-		70-130	-		25
cis-1,3-Dichloropropene	100		-		70-130	-		25
4-Methyl-2-pentanone	118		-		70-130	-		25
trans-1,3-Dichloropropene	86		-		70-130	-		25
1,1,2-Trichloroethane	97		-		70-130	-		25
Toluene	89		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Lab Number:** L1819907

**Project Number:** 170467101

**Report Date:** 06/06/18

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02-03 Batch: WG1122720-3								
2-Hexanone	106		-		70-130	-		25
Dibromochloromethane	96		-		70-130	-		25
1,2-Dibromoethane	92		-		70-130	-		25
Tetrachloroethene	92		-		70-130	-		25
1,1,1,2-Tetrachloroethane	87		-		70-130	-		25
Chlorobenzene	91		-		70-130	-		25
Ethylbenzene	88		-		70-130	-		25
p/m-Xylene	91		-		70-130	-		25
Bromoform	99		-		70-130	-		25
Styrene	89		-		70-130	-		25
1,1,2,2-Tetrachloroethane	96		-		70-130	-		25
o-Xylene	90		-		70-130	-		25
1,2,3-Trichloropropane <sup>1</sup>	88		-		70-130	-		25
Isopropylbenzene	89		-		70-130	-		25
Bromobenzene <sup>1</sup>	85		-		70-130	-		25
4-Ethyltoluene	92		-		70-130	-		25
1,3,5-Trimethylbenzene	90		-		70-130	-		25
1,2,4-Trimethylbenzene	94		-		70-130	-		25
Benzyl chloride	91		-		70-130	-		25
1,3-Dichlorobenzene	97		-		70-130	-		25
1,4-Dichlorobenzene	96		-		70-130	-		25
sec-Butylbenzene	89		-		70-130	-		25
p-Isopropyltoluene	85		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 12 FRANKLIN STREET

**Project Number:** 170467101

**Lab Number:** L1819907

**Report Date:** 06/06/18

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02-03 Batch: WG1122720-3								
1,2-Dichlorobenzene	93		-		70-130	-		25
n-Butylbenzene	95		-		70-130	-		25
1,2,4-Trichlorobenzene	120		-		70-130	-		25
Naphthalene	111		-		70-130	-		25
1,2,3-Trichlorobenzene	119		-		70-130	-		25
Hexachlorobutadiene	111		-		70-130	-		25

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819907

Report Date: 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1122716-5 QC Sample: L1819907-01 Client ID: SSV01_053018						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	78.5	64.5	ppbV	20		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	461	357	ppbV	25		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
iso-Propyl Alcohol	5.39	4.55	ppbV	17		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	14.0	11.8	ppbV	17		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.982	0.960	ppbV	2		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	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: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819907

Report Date: 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1122716-5 QC Sample: L1819907-01 Client ID: SSV01_053018						
2-Butanone	126	122	ppbV	3		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	34.3	33.7	ppbV	2		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	4.82	5.05	ppbV	5		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	0.608	0.578	ppbV	5		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	6.18	6.81	ppbV	10		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	16.6	16.5	ppbV	1		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: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819907

Report Date: 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1122716-5 QC Sample: L1819907-01 Client ID: SSV01_053018						
Toluene	1.58	1.76	ppbV	11		25
2-Hexanone	31.7	31.2	ppbV	2		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	3.22	3.51	ppbV	9		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.436	0.494	ppbV	12		25
p/m-Xylene	1.55	1.58	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.688	0.774	ppbV	12		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.510	0.564	ppbV	10		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Lab Number: L1819907

Report Date: 06/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02-03 QC Batch ID: WG1122720-5 QC Sample: L1800006-33 Client ID: DUP Sample						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	0.126	0.128	ppbV	2		25
Carbon tetrachloride	0.096	0.096	ppbV	0		25
Trichloroethene	0.294	0.276	ppbV	6		25
Tetrachloroethene	3.13	3.41	ppbV	9		25

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

Serial\_No:06061815:20  
Lab Number: L1819907

Report Date: 06/06/18

### 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
L1819907-01	SSV01_053018	0972	Flow 3	05/30/18	266533		-	-	-	Pass	18.0	17.6	2
L1819907-01	SSV01_053018	2027	2.7L Can	05/30/18	266533	L1819345-02	Pass	-30.0	-6.94	-	-	-	-
L1819907-02	SSV02_053018	0273	#30 SV	05/30/18	266533		-	-	-	Pass	18.0	17.3	4
L1819907-02	SSV02_053018	2481	2.7L Can	05/30/18	266533	L1819345-02	Pass	-30.0	-7.24	-	-	-	-
L1819907-03	SSV03_053018	0401	Flow 3	05/30/18	266533		-	-	-	Pass	18.0	18.0	0
L1819907-03	SSV03_053018	197	2.7L Can	05/30/18	266533	L1819345-02	Pass	-30.0	-5.26	-	-	-	-
L1819907-04	UNUSED CAN #2242	0047	Flow 3	05/30/18	266533		-	-	-	Pass	18.0	17.8	1

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

**Lab Number:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 05/25/18 20:04  
 Analyst: GJ

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:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
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
1,1,1-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
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1



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

**Lab Number:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 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								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1

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

**Lab Number:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 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								
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:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 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	79		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	79		60-140





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

**Lab Number:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 05/25/18 20:04  
 Analyst: GJ

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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



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

**Lab Number:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 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								
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	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.024	0.020	--	0.163	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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



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

**Lab Number:** L1819345  
**Report Date:** 06/06/18

### Air Canister Certification Results

Lab ID: L1819345-02  
 Client ID: CAN 561 SHELF 2  
 Sample Location:

Date Collected: 05/24/18 16:00  
 Date Received: 05/25/18  
 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								
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	79		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	78		60-140

Project Name: 12 FRANKLIN STREET

Project Number: 170467101

**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information****Cooler**                      **Custody Seal**

N/A                              Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1819907-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1819907-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1819907-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1819907-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

## GLOSSARY

### Acronyms

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).
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.
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.
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.
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.
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.

### 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.

**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.

**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 Condensation Product".
- 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

Report Format: Data Usability Report



**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

#### Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

**Project Name:** 12 FRANKLIN STREET  
**Project Number:** 170467101

**Lab Number:** L1819907  
**Report Date:** 06/06/18

## 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

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

### Westborough Facility

**EPA 624:** m/p-xylene, o-xylene

**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**EPA 300:** DW: Bromide

**EPA 6860:** SCM: Perchlorate

**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation

**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### 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

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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**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

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

#### Non-Potable Water

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

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, 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 624:** Volatile Halocarbons & Aromatics,

**EPA 608:** 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:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, 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.**

#### 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

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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: Langan  
 Address: 360 W 31st ST 8th Fl  
New York, NY 10001  
 Phone: 212-479-5400  
 Fax: 212-479-5404  
 Email: pmmcMahon@langan.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

**Project Information**

Project Name: 12 Franklin Street  
 Project Location: Brooklyn, NY  
 Project #: 170467101  
 Project Manager: Paul McMahon  
 ALPHA Quote #:

**Turn-Around Time**

Standard  RUSH (only confirmed if pre-approved)

Date Due: \_\_\_\_\_ Time: \_\_\_\_\_

Date Rec'd in Lab: 5/31/18

**Report Information - Data Deliverables**

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

ALPHA Job #: L1819907

**Billing Information**

Same as Client info PO #: \_\_\_\_\_

**Regulatory Requirements/Report Limits**

State/Fed	Program	Res / Comm

**All Columns Below Must Be Filled Out**

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS			Sample Comments (i.e. PID)	
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-15	TO-15 SIM	APH <small>Subtract Non-petroleum HCs</small>		
19907.01	SSV01-053018	5-30-18	11:25	13:30	-29.71	-6.48	SSV	VDP	2.7L	2027	0972	X				
.02	SSV02-053018	5-30-18	10:01	12:01	-30.04	-5	SSV	VDP	2.7L	2441	0273	X				
.03	SSV03-053018	5-31-18	11:52	13:55	-30.36	-5.34	SSV	VDP	2.7L	197	0401	X				

**\*SAMPLE MATRIX CODES**

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

Container Type

Can

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.

Relinquished By:

Date/Time

Received By:

Date/Time:

Paul Mazzella 5/30/18 18:45 Paul Mazzella 5/30/18 15:35  
7/13/18 2200 Kim O'Brien 5/31/18 0200