October 14th 2019

Mr. Colin Rankowitz
Tavros Holding LLC
27 West 24th Street, Suite 702
New York, NY

RE: **Limited Subsurface Investigation Report**
243, 247, 251 Douglass Street
250, 258 Butler Street
Brooklyn, NY
Tax Lot Block 412, Lots 15, 50 & 51

Dear Mr. Rankowitz,

Impact Environmental Closures, Inc. ("IEC") is pleased to present Tavros Holding LLC (the "Client") the following Limited Subsurface Investigation Report prepared for the property consisting of Lots 15, 50 & 51 of Tax Block 412 in Brooklyn, New York (the "Site"). The scope of this work included installation of temporary groundwater wells, and collection and laboratory analysis of groundwater samples.

The environmental services performed at the Site were based upon industry practice and relevant local, state and federal guidance where applicable. As the scope was limited by the Client, IEC notes that the work performed does not constitute a Phase II Environmental Site assessment per ASTM standards.

The Site is located between Douglass and Nevins Streets in Brooklyn, New York. It is mostly surrounded by commercial properties (warehouses, automotive garages etc) with some residential housing in the area as well. The ground surface within the Site is generally flat. Lots 15 & 51 are vacant gravel parking / staging areas, while Lot 50 has been developed with a 2-story building.

IEC mobilized to the Site on October 9th 2019 and installed three ground water wells as shown in **Figure 1**. From each well, one (1) groundwater sample was collected and submitted for certified laboratory analysis for volatile organic compounds (VOCs) using USEPA Method 8260, Semi-Volatile Organic Compounds (SVOCs) using USEPA Test Method 8270, PCBs using USEPA Test Method 8082A, Total and

Dissolved Metals using USEPA Test Method 6010. A photographic log showing these activities is included as **Exhibit A.**

All samples were stored in laboratory-provided containers before transferring to laboratory personnel under strict chain of custody protocol. All samples collected were delivered to Alpha Analytical Laboratories (Alpha) of Westborough, MA, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11148).

Exceedances for SVOCS against the New York State TOGS 1.1.1 criteria were recorded in all three samples. Generally, concentrations recorded were highest in MW-3 with benzo(a)anthracene observed at 30 µg/L (limit of 0.002 µg/L) and indeno(1,2,3-cd)pyrene observed at 12 µg/L (limit of 0.002 µg/L) among other PAHs.

Similarly, exceedances for metals, both total and dissolved were recorded in all three samples. Of note were the exceedances for Arsenic in MW-2 both in the filtered (72 µg/L) and unfiltered (192 µg/L) analysis, against a criterion of 25 µg/L. Also lead was observed in the unfiltered samples in all three samples above the TOGS 1.1.1 criteria of 25 µg/L, with the highest concentration being the 700 µg/L recorded for the MW-2 sample.

The analytical results summary is included in **Table 1**. The final deliverable laboratory report are attached as **Exhibit B.**

Best regards,

IMPACT ENVIRONMENTAL CLOSURES, INC.

Rob Dwyer
Environmental Engineer

TABLES:

FIGURES:

EXHIBITS

TABLES

Table 1
Groundwater Sample Analytical Summary
Block 412, Lots 15, 50 and 51
Brooklyn NY

		SAMPLE ID:	IEC-MW-1				IEC-MW-3				IEC-MW-2			
		LAB ID:	L1947246-01				L1947246-02				L1947246-03			
		COLLECTION DATE:	10/9/2019				10/9/2019				10/9/2019			
		NY-AWQS												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07	ND		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	8.4		2.5	0.7	1.9	J	2.5	0.7	5.2		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7

Table 1
Groundwater Sample Analytical Summary
Block 412, Lots 15, 50 and 51
Brooklyn NY

		SAMPLE ID:	IEC-MW-1				IEC-MW-3				IEC-MW-2			
		LAB ID:	L1947246-01				L1947246-02				L1947246-03			
		COLLECTION DATE:	10/9/2019				10/9/2019				10/9/2019			
		NY-AWQS												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	0.81	J	2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1		ND		250	61	ND		250	61	ND		250	61
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			8.4	-	-	-	2.71	-	-	-	5.2	-	-	-

Table 1
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Block 412, Lots 15, 50 and 51
Brooklyn NY

		SAMPLE ID:	IEC-MW-1				IEC-MW-3				IEC-MW-2			
		LAB ID:	L1947246-01				L1947246-02				L1947246-03			
		COLLECTION DATE:	10/9/2019				10/9/2019				10/9/2019			
		NY-AWQS												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS														
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.5	ND		2	0.5	ND		2	0.5
1,2-Dichlorobenzene	95-50-1	3	ND		2	0.45	ND		2	0.45	ND		2	0.45
1,3-Dichlorobenzene	541-73-1	3	ND		2	0.4	ND		2	0.4	ND		2	0.4
1,4-Dichlorobenzene	106-46-7	3	ND		2	0.43	ND		2	0.43	ND		2	0.43
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	1.6	ND		5	1.6	ND		5	1.6
2,4-Dinitrotoluene	121-14-2	5	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.93	ND		5	0.93	ND		5	0.93
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.38	ND		2	0.38	ND		2	0.38
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	5	ND		20	0.69	ND		20	0.69	ND		20	0.69
Isophorone	78-59-1	50	ND		5	1.2	ND		5	1.2	ND		5	1.2
Nitrobenzene	98-95-3	0.4	ND		2	0.77	ND		2	0.77	ND		2	0.77
NDPA/DPA	86-30-6	50	ND		2	0.42	ND		2	0.42	ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.64	ND		5	0.64	ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	85-68-7	50	ND		5	1.2	ND		5	1.2	ND		5	1.2
Di-n-butylphthalate	84-74-2	50	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	117-84-0	50	ND		5	1.3	ND		5	1.3	ND		5	1.3
Diethyl phthalate	84-66-2	50	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3	50	ND		5	1.8	ND		5	1.8	ND		5	1.8
Biphenyl	92-52-4		ND		2	0.46	ND		2	0.46	ND		2	0.46
4-Chloroaniline	106-47-8	5	ND		5	1.1	ND		5	1.1	ND		5	1.1
2-Nitroaniline	88-74-4	5	ND		5	0.5	ND		5	0.5	ND		5	0.5
3-Nitroaniline	99-09-2	5	ND		5	0.81	ND		5	0.81	ND		5	0.81
4-Nitroaniline	100-01-6	5	ND		5	0.8	ND		5	0.8	ND		5	0.8
Dibenzofuran	132-64-9		ND		2	0.5	12		2	0.5	ND		2	0.5
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ND		10	0.44	ND		10	0.44	ND		10	0.44
Acetophenone	98-86-2		ND		5	0.53	ND		5	0.53	ND		5	0.53
2,4,6-Trichlorophenol	88-06-2		ND		5	0.61	ND		5	0.61	ND		5	0.61
p-Chloro-m-cresol	59-50-7		ND		2	0.35	ND		2	0.35	ND		2	0.35
2-Chlorophenol	95-57-8		ND		2	0.48	ND		2	0.48	ND		2	0.48
2,4-Dichlorophenol	120-83-2	1	ND		5	0.41	ND		5	0.41	ND		5	0.41
2,4-Dimethylphenol	105-67-9	50	ND		5	1.8	ND		5	1.8	ND		5	1.8
2-Nitrophenol	88-75-5		ND		10	0.85	ND		10	0.85	ND		10	0.85
4-Nitrophenol	100-02-7		ND		10	0.67	ND		10	0.67	ND		10	0.67
2,4-Dinitrophenol	51-28-5	10	ND		20	6.6	ND		20	6.6	ND		20	6.6
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.8	ND		10	1.8	ND		10	1.8
Phenol	108-95-2	1	ND		5	0.57	ND		5	0.57	ND		5	0.57
2-Methylphenol	95-48-7		ND		5	0.49	ND		5	0.49	ND		5	0.49
3-Methylphenol/4-Methylphenol	108-39-4/106-4		ND		5	0.48	ND		5	0.48	ND		5	0.48
2,4,5-Trichlorophenol	95-95-4		ND		5	0.77	ND		5	0.77	ND		5	0.77
Benzoic Acid	65-85-0		ND		50	2.6	ND		50	2.6	ND		50	2.6
Benzyl Alcohol	100-51-6		ND		2	0.59	ND		2	0.59	ND		2	0.59
Carbazole	86-74-8		ND		2	0.49	0.86	J	2	0.49	ND		2	0.49
Total SVOCs			-	-	-	-	12.86	-	-	-	-	-	-	-

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Block 412, Lots 15, 50 and 51
Brooklyn NY

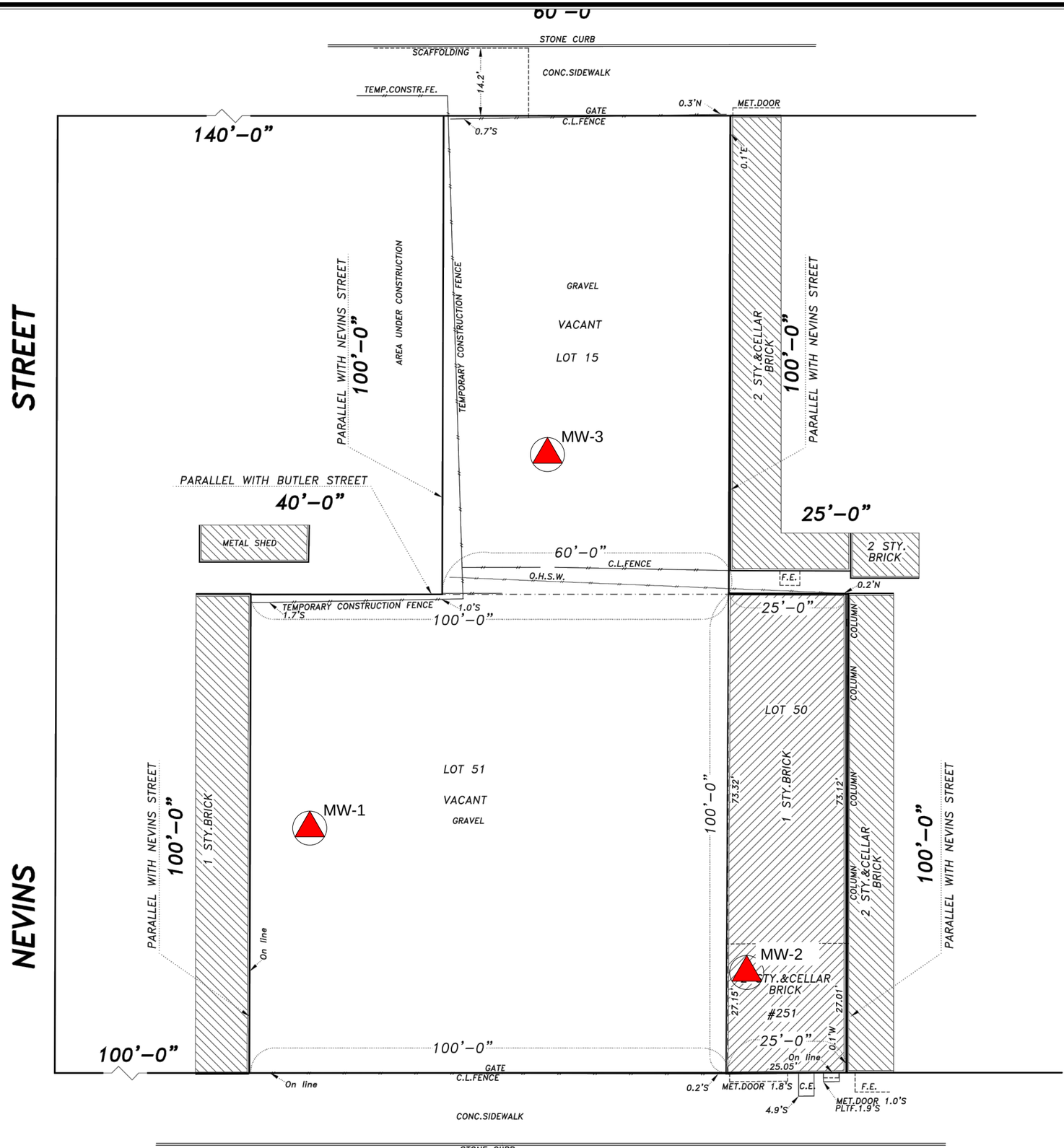
		SAMPLE ID:	IEC-MW-1				IEC-MW-3				IEC-MW-2			
		LAB ID:	L1947246-01				L1947246-02				L1947246-03			
		COLLECTION DATE:	10/9/2019				10/9/2019				10/9/2019			
		NY-AWQS												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS-SIM														
Acenaphthene	83-32-9	20	0.09	J	0.1	0.01	37		0.1	0.01	0.07	J	0.1	0.01
2-Chloronaphthalene	91-58-7	10	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02
Fluoranthene	206-44-0	50	0.8		0.1	0.02	44		0.1	0.02	0.12		0.1	0.02
Hexachlorobutadiene	87-68-3	0.5	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05
Naphthalene	91-20-3	10	0.1		0.1	0.05	1.4		0.1	0.05	ND		0.1	0.05
Benzo(a)anthracene	56-55-3	0.002	0.43		0.1	0.02	30		0.1	0.02	0.11		0.1	0.02
Benzo(a)pyrene	50-32-8	0	0.36		0.1	0.02	23		0.1	0.02	0.06	J	0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	0.46		0.1	0.01	25		0.1	0.01	0.09	J	0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.002	0.16		0.1	0.01	8.9		0.1	0.01	0.03	J	0.1	0.01
Chrysene	218-01-9	0.002	0.38		0.1	0.01	18		0.1	0.01	0.05	J	0.1	0.01
Acenaphthylene	208-96-8		0.04	J	0.1	0.01	4.4		0.1	0.01	ND		0.1	0.01
Anthracene	120-12-7	50	0.18		0.1	0.01	16		0.1	0.01	0.07	J	0.1	0.01
Benzo(ghi)perylene	191-24-2		0.2		0.1	0.01	9.4		0.1	0.01	0.04	J	0.1	0.01
Fluorene	86-73-7	50	0.08	J	0.1	0.01	29		0.1	0.01	0.07	J	0.1	0.01
Phenanthrene	85-01-8	50	0.55		0.1	0.02	54		0.1	0.02	0.19		0.1	0.02
Dibenzo(a,h)anthracene	53-70-3		0.05	J	0.1	0.01	3.2		0.1	0.01	ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.23		0.1	0.01	12		0.1	0.01	0.05	J	0.1	0.01
Pyrene	129-00-0	50	0.68		0.1	0.02	37		0.1	0.02	0.11		0.1	0.02
2-Methylnaphthalene	91-57-6		0.05	J	0.1	0.02	0.53		0.1	0.02	ND		0.1	0.02
Pentachlorophenol	87-86-5	1	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachlorobenzene	118-74-1	0.04	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachloroethane	67-72-1	5	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06
Total SVOCs			4.84	-	-	-	352.83	-	-	-	1.06	-	-	-
POLYCHLORINATED BIPHENYLS BY GC														
Aroclor 1016	12674-11-2	0.09	ND		0.083	0.034	ND		0.083	0.034	ND		0.083	0.034
Aroclor 1221	11104-28-2	0.09	ND		0.083	0.067	ND		0.083	0.067	ND		0.083	0.067
Aroclor 1232	11141-16-5	0.09	ND		0.083	0.046	ND		0.083	0.046	ND		0.083	0.046
Aroclor 1242	53469-21-9	0.09	ND		0.083	0.039	ND		0.083	0.039	ND		0.083	0.039
Aroclor 1248	12672-29-6	0.09	ND		0.083	0.049	ND		0.083	0.049	ND		0.083	0.049
Aroclor 1254	11097-69-1	0.09	ND		0.083	0.039	ND		0.083	0.039	ND		0.083	0.039
Aroclor 1260	11096-82-5	0.09	ND		0.083	0.032	ND		0.083	0.032	ND		0.083	0.032
Aroclor 1262	37324-23-5	0.09	ND		0.083	0.035	ND		0.083	0.035	ND		0.083	0.035
Aroclor 1268	11100-14-4	0.09	ND		0.083	0.034	ND		0.083	0.034	ND		0.083	0.034
PCBs, Total	1336-36-3		ND		0.083	0.032	ND		0.083	0.032	ND		0.083	0.032

Table 1
Groundwater Sample Analytical Summary
Block 412, Lots 15, 50 and 51
Brooklyn NY

		SAMPLE ID:	IEC-MW-1				IEC-MW-3				IEC-MW-2			
		LAB ID:	L1947246-01				L1947246-02				L1947246-03			
		COLLECTION DATE:	10/9/2019				10/9/2019				10/9/2019			
		NY-AWQS												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
DISSOLVED METALS														
Aluminum, Dissolved	7429-90-5		ND		10	3.27	4.32	J	10	3.27	ND		10	3.27
Antimony, Dissolved	7440-36-0	3	1.79	J	4	0.42	0.96	J	4	0.42	0.78	J	4	0.42
Arsenic, Dissolved	7440-38-2	25	1.9		0.5	0.16	1.51		0.5	0.16	72.08		0.5	0.16
Barium, Dissolved	7440-39-3	1000	334.4		0.5	0.17	171.9		0.5	0.17	235.9		0.5	0.17
Beryllium, Dissolved	7440-41-7	3	ND		0.5	0.1	ND		0.5	0.1	ND		0.5	0.1
Cadmium, Dissolved	7440-43-9	5	ND		0.2	0.05	ND		0.2	0.05	ND		0.2	0.05
Calcium, Dissolved	7440-70-2		204000		100	39.4	136000		100	39.4	203000		100	39.4
Chromium, Dissolved	7440-47-3	50	ND		1	0.17	ND		1	0.17	ND		1	0.17
Cobalt, Dissolved	7440-48-4		1.43		0.5	0.16	1.64		0.5	0.16	0.73		0.5	0.16
Copper, Dissolved	7440-50-8	200	ND		1	0.38	ND		1	0.38	ND		1	0.38
Iron, Dissolved	7439-89-6	300	13300		50	19.1	2330		50	19.1	4160		50	19.1
Lead, Dissolved	7439-92-1	25	ND		1	0.34	ND		1	0.34	0.39	J	1	0.34
Magnesium, Dissolved	7439-95-4	35000	51000		70	24.2	31400		70	24.2	39000		70	24.2
Manganese, Dissolved	7439-96-5	300	1023		1	0.44	758.6		1	0.44	784		1	0.44
Mercury, Dissolved	7439-97-6	0.7	ND		0.2	0.09	ND		0.2	0.09	ND		0.2	0.09
Nickel, Dissolved	7440-02-0	100	2.01		2	0.55	2.66		2	0.55	0.69	J	2	0.55
Potassium, Dissolved	7440-09-7		40700		100	30.9	22900		100	30.9	30300		100	30.9
Selenium, Dissolved	7782-49-2	10	ND		5	1.73	ND		5	1.73	ND		5	1.73
Silver, Dissolved	7440-22-4	50	ND		0.4	0.16	ND		0.4	0.16	ND		0.4	0.16
Sodium, Dissolved	7440-23-5	20000	233000		100	29.3	188000		100	29.3	129000		100	29.3
Thallium, Dissolved	7440-28-0	0.5	0.22	J	1	0.14	0.14	J	1	0.14	ND		1	0.14
Vanadium, Dissolved	7440-62-2		ND		5	1.57	ND		5	1.57	ND		5	1.57
Zinc, Dissolved	7440-66-6	2000	35.15		10	3.41	27.92		10	3.41	6.9	J	10	3.41
TOTAL METALS														
Aluminum, Total	7429-90-5		1620		10	3.27	4710		10	3.27	386		10	3.27
Antimony, Total	7440-36-0	3	1.46	J	4	0.42	0.95	J	4	0.42	0.57	J	4	0.42
Arsenic, Total	7440-38-2	25	15.65		0.5	0.16	11.61		0.5	0.16	192.1		0.5	0.16
Barium, Total	7440-39-3	1000	725.9		0.5	0.17	437.6		0.5	0.17	678		0.5	0.17
Beryllium, Total	7440-41-7	3	0.23	J	0.5	0.1	0.51		0.5	0.1	0.18	J	0.5	0.1
Cadmium, Total	7440-43-9	5	0.18	J	0.2	0.05	0.4		0.2	0.05	0.28		0.2	0.05
Calcium, Total	7440-70-2		226000		100	39.4	153000		100	39.4	222000		100	39.4
Chromium, Total	7440-47-3	50	6.87		1	0.17	17.32		5	0.89	35.51		5	0.89
Cobalt, Total	7440-48-4		3.66		0.5	0.16	8.1		0.5	0.16	2.33		0.5	0.16
Copper, Total	7440-50-8	200	21.58		1	0.38	43.61		1	0.38	9.28		1	0.38
Iron, Total	7439-89-6	300	40800		50	19.1	25300		50	19.1	34700		50	19.1
Lead, Total	7439-92-1	25	445.1		1	0.34	278.5		1	0.34	700.1		1	0.34
Magnesium, Total	7439-95-4	35000	54900		70	24.2	37800		70	24.2	41800		70	24.2
Manganese, Total	7439-96-5	300	1250		1	0.44	1098		1	0.44	923.8		1	0.44
Mercury, Total	7439-97-6	0.7	0.49		0.2	0.09	0.12	J	0.2	0.09	0.18	J	0.2	0.09
Nickel, Total	7440-02-0	100	9.52		2	0.55	29.61		2	0.55	4.26		2	0.55
Potassium, Total	7440-09-7		43200		100	30.9	25100		100	30.9	31700		100	30.9
Selenium, Total	7782-49-2	10	ND		5	1.73	2.33	J	5	1.73	ND		5	1.73
Silver, Total	7440-22-4	50	0.17	J	0.4	0.16	0.4		0.4	0.16	ND		0.4	0.16
Sodium, Total	7440-23-5	20000	243000		100	29.3	197000		100	29.3	136000		100	29.3
Thallium, Total	7440-28-0	0.5	0.28	J	1	0.14	0.24	J	1	0.14	ND		1	0.14
Vanadium, Total	7440-62-2		13.93		5	1.57	21.98		5	1.57	11.96		5	1.57
Zinc, Total	7440-66-6	2000	372.4		10	3.41	232.3		10	3.41	166.1		10	3.41

* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

FIGURES



LEGEND:

MONITORING WELL

SITE LAYOUT AND SAMPLE ACQUISITION PLAN

BLOCK 412
LOT 15, 50 & 51
Brooklyn NY

SHEET NO. 01

PROJECT NO.	13928
DESIGNED BY:	RD/MD
DRAWN BY:	RD
CHECKED BY:	KK
DATE:	10/14/2019
SCALE:	N.T.S

REVISIONS

NO:	DATE:

IMPACT ENVIRONMENTAL
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800 FAX (631) 269-1599

1000 PAGE AVENUE
LYNDHURST, NEW JERSEY 07071

EXHIBITS

Photo 1: View of Geoprobe unit moving into 2-story building for install of MW-2.

Photo 2: View of Geoprobe unit installing MW-1.

Title:	Photo Log
Site:	Block 412, Lots 15, 50 & 51 – Brooklyn NY

ANALYTICAL REPORT

Lab Number:	L1947246
Client:	Impact Environmental 1000 Page Avenue Lyndhurst, NJ 07071
ATTN:	Manan Dalal
Phone:	(631) 269-8800
Project Name:	251 DOUGLAS ST.
Project Number:	13928
Report Date:	10/10/19

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

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

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1947246-01	IEC-MW-1	WATER	BROOKLYN, NY	10/09/19 11:00	10/09/19
L1947246-02	IEC-MW-3	WATER	BROOKLYN, NY	10/09/19 11:45	10/09/19
L1947246-03	IEC-MW-2	WATER	BROOKLYN, NY	10/09/19 12:50	10/09/19

Project Name:	251 DOUGLAS ST.	**Lab Number:**	L1947246
Project Number:	13928	**Report Date:**	10/10/19

Case Narrative

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

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

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

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

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

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246
Project Number: 13928 **Report Date:** 10/10/19

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.

PCBs
The WG1294364-1 Method Blank, associated with L1947246-01 through -03, has a concentration above the reporting limit for Aroclor 1260. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Total Metals
The WG1294576-3 MS recoveries for calcium (440%), iron (720%), magnesium (157%), potassium (132%) and sodium (520%), performed on L1947246-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1294576-3 MS recovery, performed on L1947246-01, is outside the acceptance criteria for manganese (133%). A post digestion spike was performed and was within acceptance criteria.
The WG1294576-3 MS recovery, performed on L1947246-01, is outside the acceptance criteria for zinc (148%). A post digestion spike was performed and yielded an unacceptable recovery of 197%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.
The WG1294576-4 Laboratory Duplicate RPDs for arsenic (24%), chromium (25%), cobalt (21%) and copper (39%), performed on L1947246-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Dissolved Metals
The WG1294578-3 MS recoveries for calcium (410%), iron (290%), magnesium (133%), potassium (126%) and sodium (410%), performed on L1947246-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1294578-3 MS recovery, performed on L1947246-01, is outside the acceptance criteria for zinc

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246
Project Number: 13928 **Report Date:** 10/10/19

Case Narrative (continued)

(155%). A post digestion spike was performed and was within acceptance criteria.

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: 10/10/19

ORGANICS

VOLATILES

Project Name: 251 DOUGLAS ST.
Lab Number: L1947246
Project Number: 13928
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01
Client ID: IEC-MW-1
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/10/19 09:38
Analyst: PD

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01 Date Collected: 10/09/19 11:00

Client ID: IEC-MW-1 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	8.4		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: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01 Date Collected: 10/09/19 11:00

Client ID: IEC-MW-1 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02
Client ID: IEC-MW-3
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:45
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/10/19 10:24
Analyst: PD

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02 Date Collected: 10/09/19 11:45

Client ID: IEC-MW-3 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.9	J	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	0.81	J	ug/l	2.5	0.70	1

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02 Date Collected: 10/09/19 11:45

Client ID: IEC-MW-3 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	91		70-130

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03
Client ID: IEC-MW-2
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 12:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/10/19 10:01
Analyst: PD

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03 Date Collected: 10/09/19 12:50

Client ID: IEC-MW-2 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	5.2		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: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03 Date Collected: 10/09/19 12:50

Client ID: IEC-MW-2 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/19 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1294640-5					
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: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/19 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1294640-5					
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: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/19 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1294640-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294640-3 WG1294640-4								
Methylene chloride	93		91		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	87		86		70-130	1		20
Carbon tetrachloride	86		86		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	84		82		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	95		93		70-130	2		20
Chlorobenzene	96		95		75-130	1		20
Trichlorofluoromethane	99		98		62-150	1		20
1,2-Dichloroethane	85		84		70-130	1		20
1,1,1-Trichloroethane	87		87		67-130	0		20
Bromodichloromethane	85		82		67-130	4		20
trans-1,3-Dichloropropene	83		80		70-130	4		20
cis-1,3-Dichloropropene	91		92		70-130	1		20
1,1-Dichloropropene	96		95		70-130	1		20
Bromoform	88		87		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	99		99		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	100		100		64-130	0		20
Bromomethane	94		100		39-139	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294640-3 WG1294640-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	97		96		61-145	1		20
trans-1,2-Dichloroethene	90		90		70-130	0		20
Trichloroethene	86		86		70-130	0		20
1,2-Dichlorobenzene	99		98		70-130	1		20
1,3-Dichlorobenzene	99		98		70-130	1		20
1,4-Dichlorobenzene	98		96		70-130	2		20
Methyl tert butyl ether	89		88		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		91		70-130	3		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	130		120		70-130	8		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	78		78		36-147	0		20
Acetone	100		95		58-148	5		20
Carbon disulfide	98		98		51-130	0		20
2-Butanone	100		95		63-138	5		20
Vinyl acetate	88		87		70-130	1		20
4-Methyl-2-pentanone	120		110		59-130	9		20
2-Hexanone	100		98		57-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294640-3 WG1294640-4								
Bromochloromethane	95		94		70-130	1		20
2,2-Dichloropropane	90		91		63-133	1		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	100		98		70-130	2		20
1,1,1,2-Tetrachloroethane	91		88		64-130	3		20
Bromobenzene	98		97		70-130	1		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	91		90		41-144	1		20
Hexachlorobutadiene	96		92		63-130	4		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	97		96		70-130	1		20
1,2,4-Trichlorobenzene	96		93		70-130	3		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	108		106		56-162	2		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294640-3 WG1294640-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		100		70-130	10		20
Ethyl ether	120		120		59-134	0		20
trans-1,4-Dichloro-2-butene	75		70		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	93		93		70-130

SEMIVOLATILES

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01
Client ID: IEC-MW-1
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/10/19 10:49
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 23:58

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01 Date Collected: 10/09/19 11:00

Client ID: IEC-MW-1 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	95		41-149

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01
Client ID: IEC-MW-1
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/10/19 12:49
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.80		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.10		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.43		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.36		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.46		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.16		ug/l	0.10	0.01	1
Chrysene	0.38		ug/l	0.10	0.01	1
Acenaphthylene	0.04	J	ug/l	0.10	0.01	1
Anthracene	0.18		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.20		ug/l	0.10	0.01	1
Fluorene	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.55		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.23		ug/l	0.10	0.01	1
Pyrene	0.68		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01 Date Collected: 10/09/19 11:00

Client ID: IEC-MW-1 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	70		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	117		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	106		41-149

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02
Client ID: IEC-MW-3
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:45
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/10/19 11:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 23:58

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02 Date Collected: 10/09/19 11:45

Client ID: IEC-MW-3 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	12.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	0.86	J	ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	87		41-149

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02
Client ID: IEC-MW-3
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:45
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/10/19 13:04
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	37		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	44		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.4		ug/l	0.10	0.05	1
Benzo(a)anthracene	30		ug/l	0.10	0.02	1
Benzo(a)pyrene	23		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	25		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	8.9		ug/l	0.10	0.01	1
Chrysene	18		ug/l	0.10	0.01	1
Acenaphthylene	4.4		ug/l	0.10	0.01	1
Anthracene	16		ug/l	0.10	0.01	1
Benzo(ghi)perylene	9.4		ug/l	0.10	0.01	1
Fluorene	29		ug/l	0.10	0.01	1
Phenanthrene	54		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	3.2		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	12		ug/l	0.10	0.01	1
Pyrene	37		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.53		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02 Date Collected: 10/09/19 11:45

Client ID: IEC-MW-3 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	95		41-149

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03
Client ID: IEC-MW-2
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 12:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/10/19 11:13
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 23:58

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

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03 Date Collected: 10/09/19 12:50

Client ID: IEC-MW-2 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	94		41-149

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03
Client ID: IEC-MW-2
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 12:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/10/19 13:20
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.12		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.11		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.05	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.07	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.01	1
Fluorene	0.07	J	ug/l	0.10	0.01	1
Phenanthrene	0.19		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.01	1
Pyrene	0.11		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03 Date Collected: 10/09/19 12:50

Client ID: IEC-MW-2 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	**121**	Q	15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	113		41-149

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/10/19 09:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 16:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1294254-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/10/19 09:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 16:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1294254-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/10/19 09:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 16:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1294254-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	76		41-149

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/10/19 12:01
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 16:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1294260-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/10/19 12:01
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/09/19 16:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1294260-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294254-2 WG1294254-3								
Acenaphthene	72		79		37-111	9		30
1,2,4-Trichlorobenzene	72		72		39-98	0		30
Hexachlorobenzene	69		76		40-140	10		30
Bis(2-chloroethyl)ether	74		76		40-140	3		30
2-Chloronaphthalene	77		81		40-140	5		30
1,2-Dichlorobenzene	66		68		40-140	3		30
1,3-Dichlorobenzene	64		66		40-140	3		30
1,4-Dichlorobenzene	67		68		36-97	1		30
3,3'-Dichlorobenzidine	70		81		40-140	15		30
2,4-Dinitrotoluene	79		89		48-143	12		30
2,6-Dinitrotoluene	85		98		40-140	14		30
Fluoranthene	93		102		40-140	9		30
4-Chlorophenyl phenyl ether	76		87		40-140	13		30
4-Bromophenyl phenyl ether	75		83		40-140	10		30
Bis(2-chloroisopropyl)ether	96		99		40-140	3		30
Bis(2-chloroethoxy)methane	78		80		40-140	3		30
Hexachlorobutadiene	74		79		40-140	7		30
Hexachlorocyclopentadiene	76		78		40-140	3		30
Hexachloroethane	68		72		40-140	6		30
Isophorone	84		89		40-140	6		30
Naphthalene	71		76		40-140	7		30
Nitrobenzene	84		86		40-140	2		30
NDPA/DPA	81		90		40-140	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294254-2 WG1294254-3								
n-Nitrosodi-n-propylamine	90		92		29-132	2		30
Bis(2-ethylhexyl)phthalate	91		92		40-140	1		30
Butyl benzyl phthalate	97		102		40-140	5		30
Di-n-butylphthalate	86		95		40-140	10		30
Di-n-octylphthalate	106		107		40-140	1		30
Diethyl phthalate	84		95		40-140	12		30
Dimethyl phthalate	86		100		40-140	15		30
Benzo(a)anthracene	94		96		40-140	2		30
Benzo(a)pyrene	88		96		40-140	9		30
Benzo(b)fluoranthene	87		97		40-140	11		30
Benzo(k)fluoranthene	89		96		40-140	8		30
Chrysene	82		90		40-140	9		30
Acenaphthylene	83		92		45-123	10		30
Anthracene	82		92		40-140	11		30
Benzo(ghi)perylene	80		87		40-140	8		30
Fluorene	76		83		40-140	9		30
Phenanthrene	80		90		40-140	12		30
Dibenzo(a,h)anthracene	81		85		40-140	5		30
Indeno(1,2,3-cd)pyrene	83		88		40-140	6		30
Pyrene	89		100		26-127	12		30
Biphenyl	79		85		40-140	7		30
4-Chloroaniline	88		95		40-140	8		30
2-Nitroaniline	84		97		52-143	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294254-2 WG1294254-3								
3-Nitroaniline	69		78		25-145	12		30
4-Nitroaniline	76		84		51-143	10		30
Dibenzofuran	75		80		40-140	6		30
2-Methylnaphthalene	75		80		40-140	6		30
1,2,4,5-Tetrachlorobenzene	78		82		2-134	5		30
Acetophenone	72		74		39-129	3		30
2,4,6-Trichlorophenol	86		97		30-130	12		30
p-Chloro-m-cresol	87		**102**	Q	23-97	16		30
2-Chlorophenol	72		74		27-123	3		30
2,4-Dichlorophenol	80		80		30-130	0		30
2,4-Dimethylphenol	60		81		30-130	30		30
2-Nitrophenol	81		84		30-130	4		30
4-Nitrophenol	**98**	Q	**101**	Q	10-80	3		30
2,4-Dinitrophenol	96		84		20-130	13		30
4,6-Dinitro-o-cresol	96		100		20-164	4		30
Pentachlorophenol	78		84		9-103	7		30
Phenol	63		66		12-110	5		30
2-Methylphenol	70		78		30-130	11		30
3-Methylphenol/4-Methylphenol	82		86		30-130	5		30
2,4,5-Trichlorophenol	84		98		30-130	15		30
Benzoic Acid	72		28		10-164	**88**	Q	30
Benzyl Alcohol	80		87		26-116	8		30
Carbazole	90		101		55-144	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1294254-2 WG1294254-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		63		21-120
Phenol-d6	59		60		10-120
Nitrobenzene-d5	83		86		23-120
2-Fluorobiphenyl	80		87		15-120
2,4,6-Tribromophenol	57		66		10-120
4-Terphenyl-d14	84		90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1294260-2 WG1294260-3								
Acenaphthene	77		85		40-140	10		40
2-Chloronaphthalene	69		86		40-140	22		40
Fluoranthene	83		90		40-140	8		40
Hexachlorobutadiene	68		86		40-140	23		40
Naphthalene	67		82		40-140	20		40
Benzo(a)anthracene	84		93		40-140	10		40
Benzo(a)pyrene	88		95		40-140	8		40
Benzo(b)fluoranthene	94		94		40-140	0		40
Benzo(k)fluoranthene	87		102		40-140	16		40
Chrysene	85		92		40-140	8		40
Acenaphthylene	69		87		40-140	23		40
Anthracene	83		90		40-140	8		40
Benzo(ghi)perylene	88		95		40-140	8		40
Fluorene	78		86		40-140	10		40
Phenanthrene	80		84		40-140	5		40
Dibenzo(a,h)anthracene	100		100		40-140	0		40
Indeno(1,2,3-cd)pyrene	90		99		40-140	10		40
Pyrene	82		89		40-140	8		40
2-Methylnaphthalene	67		84		40-140	23		40
Pentachlorophenol	49		49		40-140	0		40
Hexachlorobenzene	79		86		40-140	8		40
Hexachloroethane	70		82		40-140	16		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1294260-2 WG1294260-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		63		21-120
Phenol-d6	47		55		10-120
Nitrobenzene-d5	70		81		23-120
2-Fluorobiphenyl	72		91		15-120
2,4,6-Tribromophenol	63		69		10-120
4-Terphenyl-d14	73		78		41-149

PCBS

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01
Client ID: IEC-MW-1
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/10/19 10:48
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:02
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02
Client ID: IEC-MW-3
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 11:45
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/10/19 11:01
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:02
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03
Client ID: IEC-MW-2
Sample Location: BROOKLYN, NY

Date Collected: 10/09/19 12:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/10/19 11:15
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:02
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/10/19 10:07
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/10/19 00:02
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1294364-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
Aroclor 1260	0.199		ug/l	0.083	0.032	B
PCBs, Total	0.199		ug/l	0.083	0.032	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1294364-2 WG1294364-3									
Aroclor 1016	77		63		40-140	21		50	A
Aroclor 1260	72		61		40-140	18		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		65		30-150	A
Decachlorobiphenyl	71		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		62		30-150	B
Decachlorobiphenyl	72		68		30-150	B

METALS

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01 Date Collected: 10/09/19 11:00

Client ID: IEC-MW-1 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.62		mg/l	0.0100	0.00327	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Antimony, Total	0.00146	J	mg/l	0.00400	0.00042	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01565		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Barium, Total	0.7259		mg/l	0.00050	0.00017	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00023	J	mg/l	0.00050	0.00010	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00018	J	mg/l	0.00020	0.00005	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Calcium, Total	226.		mg/l	0.100	0.0394	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Chromium, Total	0.00687		mg/l	0.00100	0.00017	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00366		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Copper, Total	0.02158		mg/l	0.00100	0.00038	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Iron, Total	40.8		mg/l	0.0500	0.0191	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Lead, Total	0.4451		mg/l	0.00100	0.00034	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Magnesium, Total	54.9		mg/l	0.0700	0.0242	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Manganese, Total	1.250		mg/l	0.00100	0.00044	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Mercury, Total	0.00049		mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:54	EPA 7470A	1,7470A	GD
Nickel, Total	0.00952		mg/l	0.00200	0.00055	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Potassium, Total	43.2		mg/l	0.100	0.0309	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Silver, Total	0.00017	J	mg/l	0.00040	0.00016	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Sodium, Total	243.		mg/l	0.100	0.0293	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Thallium, Total	0.00028	J	mg/l	0.00100	0.00014	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01393		mg/l	0.00500	0.00157	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Zinc, Total	0.3724		mg/l	0.01000	0.00341	1	10/10/19 10:54	10/10/19 15:07	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00179	J	mg/l	0.00400	0.00042	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00190		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.3344		mg/l	0.00050	0.00017	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-01 Date Collected: 10/09/19 11:00

Client ID: IEC-MW-1 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Calcium, Dissolved	204.		mg/l	0.100	0.0394	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00143		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Iron, Dissolved	13.3		mg/l	0.0500	0.0191	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	51.0		mg/l	0.0700	0.0242	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.023		mg/l	0.00100	0.00044	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:23	EPA 7470A	1,7470A	GD
Nickel, Dissolved	0.00201		mg/l	0.00200	0.00055	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Potassium, Dissolved	40.7		mg/l	0.100	0.0309	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Sodium, Dissolved	233.		mg/l	0.100	0.0293	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00022	J	mg/l	0.00100	0.00014	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.03515		mg/l	0.01000	0.00341	1	10/10/19 10:58	10/10/19 14:08	EPA 3005A	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02 Date Collected: 10/09/19 11:45

Client ID: IEC-MW-3 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4.71		mg/l	0.0100	0.00327	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Antimony, Total	0.00095	J	mg/l	0.00400	0.00042	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01161		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Barium, Total	0.4376		mg/l	0.00050	0.00017	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00051		mg/l	0.00050	0.00010	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00040		mg/l	0.00020	0.00005	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Calcium, Total	153.		mg/l	0.100	0.0394	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Chromium, Total	0.01732		mg/l	0.00500	0.00089	5	10/10/19 10:54	10/10/19 15:53	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00810		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Copper, Total	0.04361		mg/l	0.00100	0.00038	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Iron, Total	25.3		mg/l	0.0500	0.0191	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Lead, Total	0.2785		mg/l	0.00100	0.00034	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Magnesium, Total	37.8		mg/l	0.0700	0.0242	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Manganese, Total	1.098		mg/l	0.00100	0.00044	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Mercury, Total	0.00012	J	mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:56	EPA 7470A	1,7470A	GD
Nickel, Total	0.02961		mg/l	0.00200	0.00055	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Potassium, Total	25.1		mg/l	0.100	0.0309	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Selenium, Total	0.00233	J	mg/l	0.00500	0.00173	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Silver, Total	0.00040		mg/l	0.00040	0.00016	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Sodium, Total	197.		mg/l	0.100	0.0293	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Thallium, Total	0.00024	J	mg/l	0.00100	0.00014	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Vanadium, Total	0.02198		mg/l	0.00500	0.00157	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Zinc, Total	0.2323		mg/l	0.01000	0.00341	1	10/10/19 10:54	10/10/19 15:12	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00432	J	mg/l	0.0100	0.00327	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00096	J	mg/l	0.00400	0.00042	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00151		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1719		mg/l	0.00050	0.00017	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-02 Date Collected: 10/09/19 11:45

Client ID: IEC-MW-3 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Calcium, Dissolved	136.		mg/l	0.100	0.0394	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00164		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Iron, Dissolved	2.33		mg/l	0.0500	0.0191	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	31.4		mg/l	0.0700	0.0242	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.7586		mg/l	0.00100	0.00044	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:30	EPA 7470A	1,7470A	GD
Nickel, Dissolved	0.00266		mg/l	0.00200	0.00055	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Potassium, Dissolved	22.9		mg/l	0.100	0.0309	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Sodium, Dissolved	188.		mg/l	0.100	0.0293	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00014	J	mg/l	0.00100	0.00014	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.02792		mg/l	0.01000	0.00341	1	10/10/19 10:58	10/10/19 14:13	EPA 3005A	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03 Date Collected: 10/09/19 12:50

Client ID: IEC-MW-2 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.386		mg/l	0.0100	0.00327	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Antimony, Total	0.00057	J	mg/l	0.00400	0.00042	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Arsenic, Total	0.1921		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Barium, Total	0.6780		mg/l	0.00050	0.00017	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00018	J	mg/l	0.00050	0.00010	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00028		mg/l	0.00020	0.00005	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Calcium, Total	222.		mg/l	0.100	0.0394	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Chromium, Total	0.03551		mg/l	0.00500	0.00089	5	10/10/19 10:54	10/10/19 15:58	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00233		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Copper, Total	0.00928		mg/l	0.00100	0.00038	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Iron, Total	34.7		mg/l	0.0500	0.0191	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Lead, Total	0.7001		mg/l	0.00100	0.00034	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Magnesium, Total	41.8		mg/l	0.0700	0.0242	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Manganese, Total	0.9238		mg/l	0.00100	0.00044	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Mercury, Total	0.00018	J	mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:57	EPA 7470A	1,7470A	GD
Nickel, Total	0.00426		mg/l	0.00200	0.00055	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Potassium, Total	31.7		mg/l	0.100	0.0309	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Sodium, Total	136.		mg/l	0.100	0.0293	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01196		mg/l	0.00500	0.00157	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Zinc, Total	0.1661		mg/l	0.01000	0.00341	1	10/10/19 10:54	10/10/19 15:17	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00078	J	mg/l	0.00400	0.00042	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.07208		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.2359		mg/l	0.00050	0.00017	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1947246-03 Date Collected: 10/09/19 12:50

Client ID: IEC-MW-2 Date Received: 10/09/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Calcium, Dissolved	203.		mg/l	0.100	0.0394	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00073		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Iron, Dissolved	4.16		mg/l	0.0500	0.0191	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00039	J	mg/l	0.00100	0.00034	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	39.0		mg/l	0.0700	0.0242	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.7840		mg/l	0.00100	0.00044	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:32	EPA 7470A	1,7470A	GD
Nickel, Dissolved	0.00069	J	mg/l	0.00200	0.00055	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Potassium, Dissolved	30.3		mg/l	0.100	0.0309	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Sodium, Dissolved	129.		mg/l	0.100	0.0293	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00690	J	mg/l	0.01000	0.00341	1	10/10/19 10:58	10/10/19 14:18	EPA 3005A	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1294562-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:16	1,7470A	GD

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): 01-03 Batch: WG1294564-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/10/19 11:06	10/10/19 14:34	1,7470A	GD

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): 01-03 Batch: WG1294576-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM

Project Name: 251 DOUGLAS ST. **Lab Number:** L1947246

Project Number: 13928 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Potassium, Total	ND		mg/l	0.100	0.0309	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Thallium, Total	0.00025	J	mg/l	0.00100	0.00014	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/10/19 10:54	10/10/19 14:40	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1294578-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Iron, Dissolved	0.0193	J	mg/l	0.0500	0.0191	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Sodium, Dissolved	0.0439	J	mg/l	0.100	0.0293	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Thallium, Dissolved	0.00029	J	mg/l	0.00100	0.00014	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/10/19 10:58	10/10/19 13:41	1,6020B	AM

Project Name: 251 DOUGLAS ST.
Project Number: 13928
Lab Number: L1947246
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1294562-2								
Mercury, Dissolved	89		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1294564-2								
Mercury, Total	83		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1294576-2					
Aluminum, Total	103	-	80-120	-	
Antimony, Total	91	-	80-120	-	
Arsenic, Total	111	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	108	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	118	-	80-120	-	
Lead, Total	112	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	103	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	110	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1294576-2					
Zinc, Total	109	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1294578-2					
Aluminum, Dissolved	100	-	80-120	-	
Antimony, Dissolved	82	-	80-120	-	
Arsenic, Dissolved	91	-	80-120	-	
Barium, Dissolved	97	-	80-120	-	
Beryllium, Dissolved	97	-	80-120	-	
Cadmium, Dissolved	102	-	80-120	-	
Calcium, Dissolved	103	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Cobalt, Dissolved	98	-	80-120	-	
Copper, Dissolved	94	-	80-120	-	
Iron, Dissolved	111	-	80-120	-	
Lead, Dissolved	104	-	80-120	-	
Magnesium, Dissolved	99	-	80-120	-	
Manganese, Dissolved	97	-	80-120	-	
Nickel, Dissolved	100	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	103	-	80-120	-	
Silver, Dissolved	95	-	80-120	-	
Sodium, Dissolved	95	-	80-120	-	
Thallium, Dissolved	103	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1294578-2					
Zinc, Dissolved	103	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294562-3 QC Sample: L1947246-01 Client ID: IEC-MW-1												
Mercury, Dissolved	ND	0.005	0.00394	79		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294564-3 QC Sample: L1947196-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00272	**54**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

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): 01-03 QC Batch ID: WG1294576-3 QC Sample: L1947246-01 Client ID: IEC-MW-1										
Aluminum, Total	1.62	2	3.45	92		-	-	75-125	-	20
Antimony, Total	0.00146J	0.5	0.5154	103		-	-	75-125	-	20
Arsenic, Total	0.01565	0.12	0.1546	116		-	-	75-125	-	20
Barium, Total	0.7259	2	2.886	108		-	-	75-125	-	20
Beryllium, Total	0.00023J	0.05	0.05383	108		-	-	75-125	-	20
Cadmium, Total	0.00018J	0.051	0.05693	112		-	-	75-125	-	20
Calcium, Total	226.	10	270	**440**	Q	-	-	75-125	-	20
Chromium, Total	0.00687	0.2	0.2274	110		-	-	75-125	-	20
Cobalt, Total	0.00366	0.5	0.5315	106		-	-	75-125	-	20
Copper, Total	0.02158	0.25	0.2826	104		-	-	75-125	-	20
Iron, Total	40.8	1	48.0	**720**	Q	-	-	75-125	-	20
Lead, Total	0.4451	0.51	1.010	111		-	-	75-125	-	20
Magnesium, Total	54.9	10	70.6	**157**	Q	-	-	75-125	-	20
Manganese, Total	1.250	0.5	1.913	**133**	Q	-	-	75-125	-	20
Nickel, Total	0.00952	0.5	0.5363	105		-	-	75-125	-	20
Potassium, Total	43.2	10	56.4	**132**	Q	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.117	98		-	-	75-125	-	20
Silver, Total	0.00017J	0.05	0.05249	105		-	-	75-125	-	20
Sodium, Total	243.	10	295	**520**	Q	-	-	75-125	-	20
Thallium, Total	0.00028J	0.12	0.1357	113		-	-	75-125	-	20
Vanadium, Total	0.01393	0.5	0.5602	109		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

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): 01-03 QC Batch ID: WG1294576-3 QC Sample: L1947246-01 Client ID: IEC-MW-1										
Zinc, Total	0.3724	0.5	1.114	**148**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294578-3 QC Sample: L1947246-01 Client ID: IEC-MW-1										
Aluminum, Dissolved	ND	2	2.03	102		-	-	75-125	-	20
Antimony, Dissolved	0.00179J	0.5	0.5731	115		-	-	75-125	-	20
Arsenic, Dissolved	0.00190	0.12	0.1342	110		-	-	75-125	-	20
Barium, Dissolved	0.3344	2	2.449	106		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05161	103		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05547	109		-	-	75-125	-	20
Calcium, Dissolved	204.	10	245	**410**	Q	-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.2065	103		-	-	75-125	-	20
Cobalt, Dissolved	0.00143	0.5	0.5098	102		-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2450	98		-	-	75-125	-	20
Iron, Dissolved	13.3	1	16.2	**290**	Q	-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5674	111		-	-	75-125	-	20
Magnesium, Dissolved	51.0	10	64.3	**133**	Q	-	-	75-125	-	20
Manganese, Dissolved	1.023	0.5	1.650	125		-	-	75-125	-	20
Nickel, Dissolved	0.00201	0.5	0.5194	103		-	-	75-125	-	20
Potassium, Dissolved	40.7	10	53.3	**126**	Q	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.134	112		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05036	101		-	-	75-125	-	20
Sodium, Dissolved	233.	10	274	**410**	Q	-	-	75-125	-	20
Thallium, Dissolved	0.00022J	0.12	0.1361	113		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5209	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294578-3 QC Sample: L1947246-01 Client ID: IEC-MW-1										
Zinc, Dissolved	0.03515	0.5	0.8099	**155**	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294562-4 QC Sample: L1947246-01 Client ID: IEC-MW-1						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294564-4 QC Sample: L1947196-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294576-4 QC Sample: L1947246-01 Client ID: IEC-MW-1						
Aluminum, Total	1.62	1.53	mg/l	6		20
Antimony, Total	0.00146J	0.00281J	mg/l	NC		20
Arsenic, Total	0.01565	0.01990	mg/l	**24**	Q	20
Barium, Total	0.7259	0.7677	mg/l	6		20
Beryllium, Total	0.00023J	0.00029J	mg/l	NC		20
Cadmium, Total	0.00018J	0.00018J	mg/l	NC		20
Calcium, Total	226.	230	mg/l	2		20
Chromium, Total	0.00687	0.00884	mg/l	**25**	Q	20
Cobalt, Total	0.00366	0.00449	mg/l	**21**	Q	20
Copper, Total	0.02158	0.03199	mg/l	**39**	Q	20
Iron, Total	40.8	49.3	mg/l	19		20
Lead, Total	0.4451	0.5192	mg/l	15		20
Magnesium, Total	54.9	55.3	mg/l	1		20
Manganese, Total	1.250	1.278	mg/l	2		20
Nickel, Total	0.00952	0.01154	mg/l	19		20
Potassium, Total	43.2	43.9	mg/l	2		20
Selenium, Total	ND	0.00186J	mg/l	NC		20
Silver, Total	0.00017J	0.00027J	mg/l	NC		20
Sodium, Total	243.	247	mg/l	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294576-4 QC Sample: L1947246-01 Client ID: IEC-MW-1					
Thallium, Total	0.00028J	0.00073J	mg/l	NC	20
Vanadium, Total	0.01393	0.01515	mg/l	8	20
Zinc, Total	0.3724	0.3923	mg/l	5	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294578-4 QC Sample: L1947246-01 Client ID: IEC-MW-1					
Aluminum, Dissolved	ND	0.00358J	mg/l	NC	20
Antimony, Dissolved	0.00179J	0.00537	mg/l	NC	20
Arsenic, Dissolved	0.00190	0.00210	mg/l	10	20
Barium, Dissolved	0.3344	0.3419	mg/l	2	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	204.	210	mg/l	3	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Cobalt, Dissolved	0.00143	0.00149	mg/l	4	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	13.3	13.6	mg/l	2	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	51.0	51.6	mg/l	1	20
Manganese, Dissolved	1.023	1.054	mg/l	3	20
Nickel, Dissolved	0.00201	0.00200	mg/l	0	20
Potassium, Dissolved	40.7	42.4	mg/l	4	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	233.	237	mg/l	2	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 251 DOUGLAS ST.

Project Number: 13928

Lab Number: L1947246

Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1294578-4 QC Sample: L1947246-01 Client ID: IEC-MW-1					
Thallium, Dissolved	0.00022J	0.00046J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.03515	0.03423	mg/l	3	20

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947246-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-01D	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1947246-01E	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1947246-01F	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		-
L1947246-01G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947246-01H	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947246-01J	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L1947246-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.3	Y	Absent		K-6020S(180),CU-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),PB-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L1947246-02A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-02B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-02C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-02D	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947246-02E	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1947246-02F	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		-
L1947246-02G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947246-02H	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947246-02J	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L1947246-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.3	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L1947246-03A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-03B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-03C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1947246-03D	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1947246-03E	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1947246-03F	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		-
L1947246-03G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947246-03H	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947246-03J	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: 251 DOUGLAS ST.
Project Number: 13928

Lab Number: L1947246
Report Date: 10/10/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947246-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.3	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name:	251 DOUGLAS ST.	**Lab Number:**	L1947246
Project Number:	13928	**Report Date:**	10/10/19

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	251 DOUGLAS ST.	**Lab Number:**	L1947246
Project Number:	13928	**Report Date:**	10/10/19

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

Terms

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	251 DOUGLAS ST.	**Lab Number:**	L1947246
Project Number:	13928	**Report Date:**	10/10/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

CLOSURES

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 10/9/19

ALPHA Job # L1947246

Client Information
Client: IMPACT ENVIRONMENTAL
Address: 1000 PAGE AVE
LYNDHURST, NJ 07071
Phone: 201-268-8586
Fax:
Email: MDALAL@IMPACTENVIRONMENTAL.COM

Project Information
Project Name: 251 DOUGLASS ST.
Project Location: BROOKLYN, NY
Project # 13928
(Use Project name as Project #) ☒
Project Manager: MANAN DALAL
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 10/10/19
Rush (only if pre approved) ☒ 24-HR # of Days:

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

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
* PLEASE LAB FILTER FOR DISSOLVED METALS.

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL VOCs (EPA 8260)	SVOCs (EPA 8270)	METALS (EPA 6010)	DISSOLVED METALS (EPA 6010)	PCBs (EPA 8082A)	Sample Specific Comments	Total Bottle
L1947246-01	IEC-MW-1	10/09/19	1100	GW	MD	X	X	X	X	X		9
02	IEC-MW-3	10/09/19	1145	GW	MD	X	X	X	X	X		9
03	IEC-MW-2	10/09/19	1250	GW	MD	X	X	X	X	X		9

Container Type	V	A	P	P	A			
Preservative	B	A	C	A	A			

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	10/09/19 15:30		10-09-19 1530
	10-09-19 16:30		10/9/19 1630
	10/9/19 2105		10/9/19 2108

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

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