DATA USABILITY SUMMARY REPORT

For

31ST DRIVE

SOIL AND WATER SAMPLES

VOA, SVOA, PESTICIDE, PCB, METALS, PFAS, METALS & HEX CHROME
SDG No L1926874

Sampling Date: June 19-20, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
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DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31ST DRIVE SDG #: L1926874

Client: Impact Environmental Date: August 11, 2019

Laboratory: Alpha Analytical Reviewer: L. Wright.

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOC SVOC-SIM	Pest/ PCB	PFAS	Metals	Cyanide/ Hex Chrome
SB-8 (0-2)	L1926874-01	Solid	X	X	X	X	X	X
SB-8 (9-9.5)*	L1926874-02	Solid	X	X	X	X	X	X
SB-8 (27-27.5)	L1926874-03	Solid	X					
TRIP BLANK	L1926874-04	Aqueous	X					
FIELD BLANK-EO-2	L1926874-05	Aqueous	X	X	X		X	X

The data packages contained three (3) soil samples, (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8260C SIM, 8270D, 8082A, 8081B, 6010D/6020B, 7470A/7471B, 9010C/9012B, and 7196A and USEPA Methods 537 and 537.1. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability have been discussed in applicable sections. Data that have no impact on data usability are not discussed.

Chain of Custody (COC): All samples were present.

Preservation: Preservation was acceptable.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination.

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

VOA

Sample Identification	Compound	Qualifier
L1926874-01	Acetone, 2-butanone, 1,4-dioxane	R
L1926874-02, L1926874-03	1,4-Dioxane, 2-butanone	R

Laboratory Control Sample (LCS): The following was qualified due to deficiency;

SVOA

Sample Identification	Compound	Qualifier
L1926874-01 L1926874-02	Benzoic Acid	R

Surrogates: The following were qualified due to deficiency;

PFAS

Sample Identification	Compound	Qualifier
L1926874-02	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	UJ

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. Inorganic data were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J).

Additional Comments: Some Form 1s and case narratives are reporting criteria out of QC limits. If data were impacted due to the deficiency, it is discussed in the DUSR and appropriate qualifier(s) applied. Therefore all discussions in the DUSR relate to all conditions that affected data usability. When there are multiple analyses, the validator presents the best run (Attachment A).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

FORM 1s

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/26/19 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N06	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.17	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.31	U
127-18-4	Tetrachloroethene	1.2	0.57	0.22	
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.80	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	0.57	0.18	U
563-58-6	1,1-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.67	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/26/19 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N06	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.57	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	0.79	2.3	0.23	J
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.1	0.33	U
1330-20-7	Xylenes, Total	ND	1.1	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.16	U
74-95-3	Dibromomethane	ND	2.3	0.27	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.5	U R
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	ND	11	2.6	U R
108-05-4	Vinyl acetate	ND	11	2.5	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U
96-18-4	1,2,3-Trichloropropane	ND	2.3	0.14	U
591-78-6	2-Hexanone	ND	11	1.4	U
74-97-5	Bromochloromethane	ND	2.3	0.24	U
594-20-7	2,2-Dichloropropane	ND	2.3	0.23	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/26/19 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N06	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
142-28-9	1,3-Dichloropropane	ND	2.3	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.57	0.15	U
108-86-1	Bromobenzene	ND	2.3	0.17	U
104-51-8	n-Butylbenzene	ND	1.1	0.19	U
135-98-8	sec-Butylbenzene	ND	1.1	0.17	U
98-06-6	tert-Butylbenzene	ND	2.3	0.14	U
95-49-8	o-Chlorotoluene	ND	2.3	0.22	U
106-43-4	p-Chlorotoluene	ND	2.3	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.6	0.19	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.6	0.75	U
107-13-1	Acrylonitrile	ND	4.6	1.3	U
103-65-1	n-Propylbenzene	ND	1.1	0.20	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.37	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
123-91-1	1,4-Dioxane	ND	92	40.	U R
105-05-5	p-Diethylbenzene	ND	2.3	0.20	U
622-96-8	p-Ethyltoluene	ND	2.3	0.44	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.3	0.22	U
60-29-7	Ethyl ether	ND	2.3	0.39	U

Results Summary
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Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/26/19 20:11
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V00190626N06	**Instrument ID**	: VOA100
Sample Amount	: 5.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 82
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.7	1.6	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/26/19 20:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N07	Instrument ID	: VOA100
Sample Amount	: 1.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	15	6.7	U
75-34-3	1,1-Dichloroethane	ND	2.9	0.42	U
67-66-3	Chloroform	ND	4.4	0.41	U
56-23-5	Carbon tetrachloride	ND	2.9	0.67	U
78-87-5	1,2-Dichloropropane	ND	2.9	0.37	U
124-48-1	Dibromochloromethane	ND	2.9	0.41	U
79-00-5	1,1,2-Trichloroethane	ND	2.9	0.78	U
127-18-4	Tetrachloroethene	ND	1.5	0.58	U
108-90-7	Chlorobenzene	ND	1.5	0.37	U
75-69-4	Trichlorofluoromethane	ND	12	2.0	U
107-06-2	1,2-Dichloroethane	ND	2.9	0.75	U
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.49	U
75-27-4	Bromodichloromethane	ND	1.5	0.32	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	0.80	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.46	U
542-75-6	1,3-Dichloropropene, Total	ND	1.5	0.46	U
563-58-6	1,1-Dichloropropene	ND	1.5	0.47	U
75-25-2	Bromoform	ND	12	0.72	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.49	U
71-43-2	Benzene	ND	1.5	0.49	U
108-88-3	Toluene	ND	2.9	1.6	U
100-41-4	Ethylbenzene	ND	2.9	0.41	U
74-87-3	Chloromethane	ND	12	2.7	U
74-83-9	Bromomethane	ND	5.9	1.7	U
75-01-4	Vinyl chloride	ND	2.9	0.98	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/26/19 20:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N07	Instrument ID	: VOA100
Sample Amount	: 1.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	5.9	1.3	U
75-35-4	1,1-Dichloroethene	ND	2.9	0.70	U
156-60-5	trans-1,2-Dichloroethene	ND	4.4	0.40	U
79-01-6	Trichloroethene	ND	1.5	0.40	U
95-50-1	1,2-Dichlorobenzene	ND	5.9	0.42	U
541-73-1	1,3-Dichlorobenzene	ND	5.9	0.43	U
106-46-7	1,4-Dichlorobenzene	ND	5.9	0.50	U
1634-04-4	Methyl tert butyl ether	3.0	5.9	0.59	J
179601-23-1	p/m-Xylene	ND	5.9	1.6	U
95-47-6	o-Xylene	ND	2.9	0.85	U
1330-20-7	Xylenes, Total	ND	2.9	0.85	U
156-59-2	cis-1,2-Dichloroethene	ND	2.9	0.51	U
540-59-0	1,2-Dichloroethene, Total	ND	2.9	0.40	U
74-95-3	Dibromomethane	ND	5.9	0.70	U
100-42-5	Styrene	ND	2.9	0.58	U
75-71-8	Dichlorodifluoromethane	ND	29	2.7	U
67-64-1	Acetone	26	29	14.	J
75-15-0	Carbon disulfide	ND	29	13.	U
78-93-3	2-Butanone	ND	29	6.5	UJ R
108-05-4	Vinyl acetate	ND	29	6.3	U
108-10-1	4-Methyl-2-pentanone	ND	29	3.8	U
96-18-4	1,2,3-Trichloropropane	ND	5.9	0.37	U
591-78-6	2-Hexanone	ND	29	3.5	U
74-97-5	Bromochloromethane	ND	5.9	0.60	U
594-20-7	2,2-Dichloropropane	ND	5.9	0.59	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/26/19 20:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N07	Instrument ID	: VOA100
Sample Amount	: 1.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	2.9	0.82	U
142-28-9	1,3-Dichloropropane	ND	5.9	0.49	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.5	0.39	U
108-86-1	Bromobenzene	ND	5.9	0.42	U
104-51-8	n-Butylbenzene	ND	2.9	0.49	U
135-98-8	sec-Butylbenzene	ND	2.9	0.43	U
98-06-6	tert-Butylbenzene	ND	5.9	0.35	U
95-49-8	o-Chlorotoluene	ND	5.9	0.56	U
106-43-4	p-Chlorotoluene	ND	5.9	0.32	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.8	2.9	U
87-68-3	Hexachlorobutadiene	ND	12	0.50	U
98-82-8	Isopropylbenzene	ND	2.9	0.32	U
99-87-6	p-Isopropyltoluene	ND	2.9	0.32	U
91-20-3	Naphthalene	ND	12	1.9	U
107-13-1	Acrylonitrile	ND	12	3.4	U
103-65-1	n-Propylbenzene	ND	2.9	0.50	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	0.94	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	0.80	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.9	0.57	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.9	0.98	U
123-91-1	1,4-Dioxane	ND	230	100	U R
105-05-5	p-Diethylbenzene	ND	5.9	0.52	U
622-96-8	p-Ethyltoluene	ND	5.9	1.1	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.9	0.56	U
60-29-7	Ethyl ether	ND	5.9	1.0	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/26/19 20:37
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V00190626N07	**Instrument ID**	: VOA100
Sample Amount	: 1.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 93
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	15	4.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-03	Date Collected	: 06/20/19 11:56
Client ID	: SB-8 (27-27.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/27/19 04:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N25	Instrument ID	: VOA100
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 67
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.0	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	2.7	0.60	0.23	
108-90-7	Chlorobenzene	ND	0.60	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.8	0.83	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.60	0.20	U
75-27-4	Bromodichloromethane	ND	0.60	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.60	0.19	U
542-75-6	1,3-Dichloropropene, Total	ND	0.60	0.19	U
563-58-6	1,1-Dichloropropene	ND	0.60	0.19	U
75-25-2	Bromoform	ND	4.8	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.60	0.20	U
71-43-2	Benzene	ND	0.60	0.20	U
108-88-3	Toluene	ND	1.2	0.65	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.8	1.1	U
74-83-9	Bromomethane	ND	2.4	0.69	U
75-01-4	Vinyl chloride	ND	1.2	0.40	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-03	Date Collected	: 06/20/19 11:56
Client ID	: SB-8 (27-27.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/27/19 04:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N25	Instrument ID	: VOA100
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 67
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.4	0.54	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.60	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U
1634-04-4	Methyl tert butyl ether	1.1	2.4	0.24	J
179601-23-1	p/m-Xylene	ND	2.4	0.67	U
95-47-6	o-Xylene	ND	1.2	0.35	U
1330-20-7	Xylenes, Total	ND	1.2	0.35	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
540-59-0	1,2-Dichloroethene, Total	ND	1.2	0.16	U
74-95-3	Dibromomethane	ND	2.4	0.28	U
100-42-5	Styrene	ND	1.2	0.23	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	30	12	5.8	
75-15-0	Carbon disulfide	ND	12	5.4	U
78-93-3	2-Butanone	ND	12	2.6	U R
108-05-4	Vinyl acetate	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
96-18-4	1,2,3-Trichloropropane	ND	2.4	0.15	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.24	U
594-20-7	2,2-Dichloropropane	ND	2.4	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-03	Date Collected	: 06/20/19 11:56
Client ID	: SB-8 (27-27.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/27/19 04:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190626N25	Instrument ID	: VOA100
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 67
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.2	0.33	U
142-28-9	1,3-Dichloropropane	ND	2.4	0.20	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.60	0.16	U
108-86-1	Bromobenzene	ND	2.4	0.17	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.17	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
95-49-8	o-Chlorotoluene	ND	2.4	0.23	U
106-43-4	p-Chlorotoluene	ND	2.4	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
87-68-3	Hexachlorobutadiene	ND	4.8	0.20	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.8	0.78	U
107-13-1	Acrylonitrile	ND	4.8	1.4	U
103-65-1	n-Propylbenzene	ND	1.2	0.20	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.38	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.32	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.23	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.40	U
123-91-1	1,4-Dioxane	ND	96	42.	U R
105-05-5	p-Diethylbenzene	ND	2.4	0.21	U
622-96-8	p-Ethyltoluene	ND	2.4	0.46	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.4	0.23	U
60-29-7	Ethyl ether	ND	2.4	0.41	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-03	**Date Collected**	: 06/20/19 11:56
Client ID	: SB-8 (27-27.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/27/19 04:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V00190626N25	**Instrument ID**	: VOA100
Sample Amount	: 6.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 67
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.0	1.7	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-04	**Date Collected**	: 06/19/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/22/19 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PK
Lab File ID	: V22190622A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-04	Date Collected	: 06/19/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/22/19 13:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PK
Lab File ID	: V22190622A14	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	4.5	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-04	Date Collected	: 06/19/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/22/19 13:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PK
Lab File ID	: V22190622A14	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-04	**Date Collected**	: 06/19/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/22/19 13:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PK
Lab File ID	: V22190622A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/22/19 14:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PK
Lab File ID	: V22190622A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/22/19 14:16
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PK
Lab File ID	: V22190622A15	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	5.8	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/22/19 14:16
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PK
Lab File ID	: V22190622A15	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/22/19 14:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PK
Lab File ID	: V22190622A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 00:35
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-01	Analyst	: KR
Sample Amount	: 30.22 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	21.	U
120-82-1	1,2,4-Trichlorobenzene	ND	200	23.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
95-50-1	1,2-Dichlorobenzene	ND	200	36.	U
541-73-1	1,3-Dichlorobenzene	ND	200	35.	U
106-46-7	1,4-Dichlorobenzene	ND	200	35.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	30.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 00:35
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-01	Analyst	: KR
Sample Amount	: 30.22 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	70.	U
85-68-7	Butyl benzyl phthalate	ND	200	51.	U
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	ND	120	23.	U
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	24.	U
86-73-7	Fluorene	ND	200	20.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	460	47.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 00:35
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-01	Analyst	: KR
Sample Amount	: 30.22 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	440	76.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	970	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	97.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 00:35
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-01	Analyst	: KR
Sample Amount	: 30.22 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

			ug/Kg			
CAS NO.	Parameter		Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	R	~~ND~~	650	200	~~U~~
100-51-6	Benzyl Alcohol		ND	200	62.	U
86-74-8	Carbazole		ND	200	20.	U
123-91-1	1,4-Dioxane		ND	30	9.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 01:00
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-02	Analyst	: KR
Sample Amount	: 30.79 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 01:00
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-02	Analyst	: KR
Sample Amount	: 30.79 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	37.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	40.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 01:00
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-02	Analyst	: KR
Sample Amount	: 30.79 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	34.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	840	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	84.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 01:00
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-02	Analyst	: KR
Sample Amount	: 30.79 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

			ug/Kg			
CAS NO.	Parameter		Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	R	~~ND~~	560	180	~~U~~
100-51-6	Benzyl Alcohol		ND	170	53.	U
86-74-8	Carbazole		ND	170	17.	U
123-91-1	1,4-Dioxane		ND	26	8.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 21:31
Sample Matrix	: WATER	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-05	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/30/19 21:31
Sample Matrix	: WATER	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 26874-05	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/30/19 21:31
Sample Matrix	: WATER	**Date Extracted**	: 06/26/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 26874-05	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 10:40
Sample Matrix	: WATER	Date Extracted	: 06/26/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 26874-05	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.05	0.10	0.05	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.02	0.10	0.01	J
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	JB
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/30/19 09:37
Sample Matrix	: SOIL	**Date Extracted**	: 06/27/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: F606301906	**Analyst**	: MA
Sample Amount	: 5.164 g	**Instrument ID**	: GCMS6
Extraction Method	: EPA 3570	**GC Column**	: RTX-5
Extract Volume	: 4000 uL	**%Solids**	: 82
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	9.43	2.40	U

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/30/19 10:03
Sample Matrix	: SOIL	**Date Extracted**	: 06/27/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: F606301907	**Analyst**	: MA
Sample Amount	: 5.285 g	**Instrument ID**	: GCMS6
Extraction Method	: EPA 3570	**GC Column**	: RTX-5
Extract Volume	: 4000 uL	**%Solids**	: 93
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	8.13	2.07	U

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 10:11
Sample Matrix	: WATER	**Date Extracted**	: 06/27/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: F2206281915	**Analyst**	: MA
Sample Amount	: 270 ml	**Instrument ID**	: PAH22
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 04:11
Sample Matrix	: SOIL	Date Extracted	: 07/08/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5980	Analyst	: JW
Sample Amount	: 4.07 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.598	0.014	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.598	0.028	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.598	0.023	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.598	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.598	0.027	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.598	0.036	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.060	0.598	0.025	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.598	0.107	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.598	0.082	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.122	0.598	0.045	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.598	0.078	U
335-76-2	Perfluorodecanoic Acid (PFDA)	0.052	0.598	0.040	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.598	0.172	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.598	0.121	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.43	0.598	0.028	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.598	0.092	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.118	0.598	0.059	J
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.061	0.598	0.051	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 04:11
Sample Matrix	: SOIL	**Date Extracted**	: 07/08/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5980	**Analyst**	: JW
Sample Amount	: 4.07 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 82
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.071	0.598	0.042	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.630	0.598	0.122	
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.598	0.032	U
NONE	PFOA/PFOS, Total	0.060	0.598	0.025	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 04:27
Sample Matrix	: SOIL	Date Extracted	: 07/08/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5981	Analyst	: JW
Sample Amount	: 4.35 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.494	0.011	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.494	0.023	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.494	0.019	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.494	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.494	0.022	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.494	0.030	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.494	0.021	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.494	0.089	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.494	0.067	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.041	0.494	0.037	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.088	0.494	0.064	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.494	0.033	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.494	0.142	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.494	0.100	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.545	0.494	0.023	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.494	0.076	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.183	0.494	0.048	J
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.494	0.042	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 04:27
Sample Matrix	: SOIL	**Date Extracted**	: 07/08/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5981	**Analyst**	: JW
Sample Amount	: 4.35 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 93
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.494	0.035	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.231	0.494	0.101	J
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.494	0.027	U
NONE	PFOA/PFOS, Total	0.088	0.494	0.021	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 02:03
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 12190627a-62	Analyst	: KB
Sample Amount	: 15.41 g	Instrument ID	: PEST12
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	39.5	3.51	U
11104-28-2	Aroclor 1221	ND	39.5	3.96	U
11141-16-5	Aroclor 1232	ND	39.5	8.38	U
53469-21-9	Aroclor 1242	ND	39.5	5.33	U
12672-29-6	Aroclor 1248	ND	39.5	5.93	U
11097-69-1	Aroclor 1254	ND	39.5	4.32	U
11096-82-5	Aroclor 1260	ND	39.5	7.30	U
37324-23-5	Aroclor 1262	ND	39.5	5.02	U
11100-14-4	Aroclor 1268	ND	39.5	4.09	U
1336-36-3	PCBs, Total	ND	39.5	3.51	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 01:51
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 12190627a-61	Analyst	: KB
Sample Amount	: 15.56 g	Instrument ID	: PEST12
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.5	3.06	U
11104-28-2	Aroclor 1221	ND	34.5	3.46	U
11141-16-5	Aroclor 1232	ND	34.5	7.32	U
53469-21-9	Aroclor 1242	ND	34.5	4.65	U
11097-69-1	Aroclor 1254	ND	34.5	3.78	U
11096-82-5	Aroclor 1260	ND	34.5	6.38	U
37324-23-5	Aroclor 1262	ND	34.5	4.38	U
11100-14-4	Aroclor 1268	ND	34.5	3.58	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 01:51
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 12190627a-61	Analyst	: KB
Sample Amount	: 15.56 g	Instrument ID	: PEST12
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12672-29-6	Aroclor 1248	10.6	34.5	5.18	J
1336-36-3	PCBs, Total	10.6	34.5	3.06	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 00:56
Sample Matrix	: WATER	Date Extracted	: 06/27/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190627a-15	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 20:39
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190628b-15	Analyst	: KB
Sample Amount	: 15.1 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.94	0.379	U
58-89-9	Lindane	ND	0.807	0.360	U
319-84-6	Alpha-BHC	ND	0.807	0.229	U
319-85-7	Beta-BHC	ND	1.94	0.734	U
76-44-8	Heptachlor	ND	0.968	0.434	U
309-00-2	Aldrin	ND	1.94	0.682	U
1024-57-3	Heptachlor epoxide	ND	3.63	1.09	U
72-20-8	Endrin	ND	0.807	0.331	U
7421-93-4	Endrin aldehyde	ND	2.42	0.847	U
53494-70-5	Endrin ketone	ND	1.94	0.498	U
60-57-1	Dieldrin	ND	1.21	0.605	U
72-55-9	4,4'-DDE	ND	1.94	0.448	U
72-54-8	4,4'-DDD	ND	1.94	0.690	U
50-29-3	4,4'-DDT	ND	3.63	1.56	U
959-98-8	Endosulfan I	ND	1.94	0.457	U
33213-65-9	Endosulfan II	ND	1.94	0.647	U
1031-07-8	Endosulfan sulfate	ND	0.807	0.384	U
72-43-5	Methoxychlor	ND	3.63	1.13	U
8001-35-2	Toxaphene	ND	36.3	10.2	U
5103-71-9	cis-Chlordane	ND	2.42	0.674	U
5103-74-2	trans-Chlordane	ND	2.42	0.639	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 20:39
Sample Matrix	: SOIL	**Date Extracted**	: 06/26/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190628b-15	**Analyst**	: KB
Sample Amount	: 15.1 g	**Instrument ID**	: PEST20
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 82
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	15.7	6.41	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 20:51
Sample Matrix	: SOIL	Date Extracted	: 06/26/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190628b-16	Analyst	: KB
Sample Amount	: 15.12 g	Instrument ID	: PEST20
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.70	0.334	U
58-89-9	Lindane	ND	0.710	0.318	U
319-84-6	Alpha-BHC	ND	0.710	0.202	U
319-85-7	Beta-BHC	ND	1.70	0.646	U
76-44-8	Heptachlor	ND	0.852	0.382	U
309-00-2	Aldrin	ND	1.70	0.600	U
1024-57-3	Heptachlor epoxide	ND	3.20	0.959	U
72-20-8	Endrin	ND	0.710	0.291	U
7421-93-4	Endrin aldehyde	ND	2.13	0.746	U
53494-70-5	Endrin ketone	ND	1.70	0.439	U
60-57-1	Dieldrin	ND	1.06	0.533	U
72-55-9	4,4'-DDE	ND	1.70	0.394	U
72-54-8	4,4'-DDD	ND	1.70	0.608	U
50-29-3	4,4'-DDT	ND	3.20	1.37	U
959-98-8	Endosulfan I	ND	1.70	0.403	U
33213-65-9	Endosulfan II	ND	1.70	0.570	U
1031-07-8	Endosulfan sulfate	ND	0.710	0.338	U
72-43-5	Methoxychlor	ND	3.20	0.994	U
8001-35-2	Toxaphene	ND	32.0	8.95	U
5103-71-9	cis-Chlordane	ND	2.13	0.594	U
5103-74-2	trans-Chlordane	ND	2.13	0.563	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 20:51
Sample Matrix	: SOIL	**Date Extracted**	: 06/26/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190628b-16	**Analyst**	: KB
Sample Amount	: 15.12 g	**Instrument ID**	: PEST20
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 93
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	13.8	5.65	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 20:27
Sample Matrix	: WATER	Date Extracted	: 06/27/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190628b-14	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 20:27
Sample Matrix	: WATER	**Date Extracted**	: 06/27/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190628b-14	**Analyst**	: KB
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-01	Date Collected	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/27/19 14:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1253739.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.263g	%Solids	: 82
Digestion Method	: EPA 3050B	Date Digested	: 06/26/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4010	9.64	2.60	
7440-36-0	Antimony, Total	ND	4.82	0.366	U
7440-38-2	Arsenic, Total	2.76	0.964	0.200	
7440-39-3	Barium, Total	18.4	0.964	0.168	
7440-41-7	Beryllium, Total	0.164	0.482	0.032	J
7440-43-9	Cadmium, Total	0.212	0.964	0.095	J
7440-70-2	Calcium, Total	475	9.64	3.38	
7440-47-3	Chromium, Total	11.5	0.964	0.093	
7440-48-4	Cobalt, Total	5.23	1.93	0.160	
7440-50-8	Copper, Total	8.20	0.964	0.249	
7439-89-6	Iron, Total	11700	4.82	0.871	
7439-92-1	Lead, Total	5.28	4.82	0.258	
7439-95-4	Magnesium, Total	1510	9.64	1.48	
7439-96-5	Manganese, Total	306	0.964	0.153	
7440-02-0	Nickel, Total	9.86	2.41	0.233	
7440-09-7	Potassium, Total	433	241	13.9	
7782-49-2	Selenium, Total	ND	1.93	0.249	U
7440-22-4	Silver, Total	ND	0.964	0.273	U
7440-23-5	Sodium, Total	40.6	193	3.04	J
7440-28-0	Thallium, Total	ND	1.93	0.304	U
7440-62-2	Vanadium, Total	15.7	0.964	0.196	
7440-66-6	Zinc, Total	23.1	4.82	0.282	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-02	Date Collected	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/27/19 14:25
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1253739.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.288g	%Solids	: 93
Digestion Method	: EPA 3050B	Date Digested	: 06/26/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4100	8.34	2.25	
7440-36-0	Antimony, Total	ND	4.17	0.317	U
7440-38-2	Arsenic, Total	2.41	0.834	0.173	
7440-39-3	Barium, Total	18.1	0.834	0.145	
7440-41-7	Beryllium, Total	0.150	0.417	0.028	J
7440-43-9	Cadmium, Total	0.158	0.834	0.082	J
7440-70-2	Calcium, Total	1220	8.34	2.92	
7440-47-3	Chromium, Total	23.2	0.834	0.080	
7440-48-4	Cobalt, Total	4.34	1.67	0.138	
7440-50-8	Copper, Total	11.0	0.834	0.215	
7439-89-6	Iron, Total	11200	4.17	0.753	
7439-92-1	Lead, Total	4.15	4.17	0.223	J
7439-95-4	Magnesium, Total	1540	8.34	1.28	
7439-96-5	Manganese, Total	253	0.834	0.132	
7440-02-0	Nickel, Total	9.75	2.08	0.202	
7440-09-7	Potassium, Total	444	208	12.0	
7782-49-2	Selenium, Total	0.234	1.67	0.215	J
7440-22-4	Silver, Total	ND	0.834	0.236	U
7440-23-5	Sodium, Total	82.9	167	2.63	J
7440-28-0	Thallium, Total	ND	1.67	0.263	U
7440-62-2	Vanadium, Total	14.6	0.834	0.169	
7440-66-6	Zinc, Total	18.7	4.17	0.244	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1926874
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1926874-05	Date Collected	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	Date Received	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	Date Analyzed	: 06/28/19 09:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1254290.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 06/27/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.00388	0.0100	0.00327	J
7440-36-0	Antimony, Total	0.00057	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00080	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	0.0321	0.0500	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/26/19 21:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1253275_062619A.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/26/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/27/19 16:24
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: HG062719ACOPY	**Instrument ID**	: FIMS4
Sample Amount	: 0.399g	**%Solids**	: 82
Digestion Method	: EPA 7471B	**Date Digested**	: 06/27/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.076	0.050	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/27/19 16:26
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: HG062719ACOPY	**Instrument ID**	: FIMS4
Sample Amount	: 0.398g	**%Solids**	: 93
Digestion Method	: EPA 7471B	**Date Digested**	: 06/27/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.068	0.044	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/24/19 12:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_6-24-2019_11-31-38AM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 06/23/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/21/19 14:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_6-21-2019_01-10-48PM	**Instrument ID**	: LACHAT
Sample Amount	: 1.028g	**%Solids**	: 82
Digestion Method	:	**Date Digested**	: 06/21/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.2	0.25	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/21/19 14:36
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_6-21-2019_01-10-48PM	**Instrument ID**	: LACHAT
Sample Amount	: 1.004g	**%Solids**	: 93
Digestion Method	:	**Date Digested**	: 06/21/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.1	0.23	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-05	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/21/19 04:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1251283.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 06/21/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1251283-3	**Date Collected**	: 06/20/19 08:00
Client ID	: FIELD BLANK-EO-2DUP	**Date Received**	: 06/20/19
Sample Location	:	**Date Analyzed**	: 06/21/19 04:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1251283.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 06/21/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-01	**Date Collected**	: 06/20/19 09:30
Client ID	: SB-8 (0-2)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/25/19 08:51
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1252495.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4599g	**%Solids**	: 82
Digestion Method	: EPA 3060A	**Date Digested**	: 06/24/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.378	0.974	0.195	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1926874-02	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)	**Date Received**	: 06/20/19
Sample Location	: 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/25/19 08:51
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1252495.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4547g	**%Solids**	: 93
Digestion Method	: EPA 3060A	**Date Digested**	: 06/24/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.279	0.859	0.172	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1926874
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1252495-6	**Date Collected**	: 06/20/19 10:43
Client ID	: SB-8 (9-9.5)DUP	**Date Received**	: 06/20/19
Sample Location	:	**Date Analyzed**	: 06/25/19 08:51
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1252495.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.5268g	**%Solids**	: 93
Digestion Method	: EPA 3060A	**Date Digested**	: 06/24/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.322	0.859	0.172	J

ATTACHMENT B

CASE NARRATIVE & COC

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 2

Date Rec'd in Lab: 6/21/19

ALPHA Job #: L1926874

Client Information
Client: Impact
Address: 170 Keyland Ct.
Phone: 631-269-8500
Fax:
Email: jdelafuente@impactenv.com

Project Information
Project Name: 31st Drive
Project Location: 31st Drive Astoria
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie De La Fuente
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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:

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 VOC's + TICs	TCL SVOC's + TICs	TCL Pesticides + PCBs	TAL Metals +	Cyanide + Hexchrom	1,4-Dioxane			Sample Specific Comments	Total Bottle
26874-01	SB-8 (0-2)	6/20	9:30	S	LR	X	X	X	X	X	X				
02	SB-8 (9-9.5)	6/20	10:43	S	LR	X	X	X	X	X	X				
03	SB-8 (27-27.5)	6/20	11:56	S	LR	X									
04	Trip Blank	6/20	—	L	LR	X	X	X	X	X	X				
05	Field Blank-EQ-2	6/20	8:00	L	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/20/19 1105		6/20/19 1305
	6/20/19 1730		6/20/19 1955
	6/21/19 0105		6/21/19 0105

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)

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 2 of 2

Date Rec'd in Lab: 6/21/19

ALPHA Job #: L1926874

Client Information

Client: Impact Environmental
Address: 170 Keyland ct
Bohemia
Phone: 631-269-8800
Fax:
Email: jdelafuente@impactenv.

Project Information

Project Name: 31st Drive
Project Location: 31st Drive Astoria
Project #: 11845
(Use Project name as Project #): ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYSDEC PFAS list

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

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYSDEC PFAS list
26874-01	SB-8 (0-2)	6/20	9:30	S	LR	X
02	SB-8 (9-9.5)	6/20	10:43	S	LR	X

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	6/20/19 1305		6/20/19 1305
	6/20/19 1730		6/20/19 1955
	6/21/19 0104		6/21/19 01:04

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)

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

July 10, 2019: This final report includes the results of all requested analyses.

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

Sample Receipt

L1926874-01: The collection date and time on the chain of custody was 20-JUN-19 09:30; however, the collection date/time on the container label was 20-JUN-19 09:50. At the client's request, the collection date/time is reported as 20-JUN-19 09:30.

Volatile Organics

L1926874-05: The Field Blank has a result for acetone present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

Semivolatile Organics

The WG1253044-2/-3 LCS/LCSD recoveries, associated with L1926874-01 and -02, are below the acceptance criteria for benzoic acid (6%/3%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1253500-2/-3 LCS/LCSD recoveries, associated with L1926874-05, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Semivolatile Organics by SIM

The WG1253489-1 Method Blank, associated with L1926874-05, has a concentration above the reporting limit for 2-Methylnaphthalene. The results of the original analysis are reported and are qualified with a "B" for any associated sample concentrations that are less than 10x the blank concentration for this analyte.

Case Narrative (continued)

Perfluorinated Alkyl Acids by Isotope Dilution

L1926874-01 and -02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1257584-5: The continuing calibration standard had the response for PFHxA above the acceptance criteria for the method. The associated samples were non-detect to the RL; therefore, no further action was taken.

Total Metals

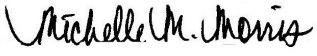
L1926874-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

L1926874-05: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

Cyanide, Total

The WG1251432-2 LCS recovery (79%), associated with L1926874-01 and -02, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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:  Report Date: 07/10/19

Title: Technical Director/Representative

DATA USABILITY SUMMARY REPORT

For

31ST DRIVE

SOIL AND WATER SAMPLES

PFAS
SDG Nos. L1927385, L1928623, L1928790, L1929139, L1929861 & L1930199
Sampling Date: June 21, 27, July 1, 2, 9-10, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc (EOPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Site: 31ST DRIVE

SDGs #: L1927385, L1928623 L1928790, L1929139, L1929861 & L1930199

Client: Impact Environmental

Date: August 11, 2019

Laboratory: Alpha Analytical

Reviewer: L. Wright.

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	PFAS
L1927385			
SB-9 (0-2)	L1927385-01	Solid	X
SB-9 (9-9.5)	L1927385-02	Solid	X
SB-10 (0-2)	L1927385-03	Solid	X
SB-10 (8.5-9)	L1927385-04	Solid	X
FIELD BLANK EQ-3	L1927385-05	Aqueous	X
L1928623			
FIELD BLANK-EQ-5	L1928623-01	Aqueous	X
SB-13 (0-2)	L1928623-02	Solid	X
SB-13 (9.5-10)	L1928623-03	Solid	X
SB-14 (0-2)	L1928623-04	Solid	X
SB-14 (9-9.5)	L1928623-05	Solid	X
SB-15 (0-2)	L1928623-06	Solid	X
SB-15 (9-9.5)	L1928623-07	Solid	X
L1928790			
FIELD BLANK-DI-	L1928790-01	Aqueous	X
FIELD BLANK-EQ-6	L1928790-02	Aqueous	X
SB-16 (0-2)	L1928790-03	Solid	X
SB-16 (9.5-10)	L1928790-04	Solid	X
L1929139			
FIELD BLANK EQ-7	L1929139-01	Aqueous	X
SB-17 (9.5-10)	L1929139-02	Solid	X
SB-18 (0-2)	L1929139-03	Solid	X
SB-18 (9-9.5)	L1929139-04	Solid	X
L1929861			
SB-19 (0-2)	L1929861-01	Solid	X
SB-19 (9.5-10)	L1929861-02	Solid	X
SB-20 (0-2)	L1929861-03	Solid	X
SB-20 (9.5-10)	L1929861-04	Solid	X
SB-21 (0-2)	L1929861-05	Solid	X

Client Sample ID	Laboratory ID	Matrix	PFAS
SB-21 (9.5-10)	L1929861-06	Solid	X
FIELD BLANK-EQ-8	L1929861-07	Aqueous	X
L1930199			
FIELD BLANK EQ-9	L1930199-01	Aqueous	X
SB-22 (0-2)	L1930199-02	Solid	X
SB-22 (9.5-10)	L1930199-03	Solid	X

These data packages contained twenty three (23) soil samples, and seven (7) field blank samples. The samples were analyzed via USEPA Method 537 and 537.1. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability have been discussed in applicable sections. Data that have no impact on data usability are not discussed.

Chain of Custody (COC): All samples were present.

Preservation: Preservation was acceptable.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination.

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample ID	Compound	Qualifier
L1928623-02 L1928623-03 L1928623-04 L1928623-05 L1928623-06 L1928623-07	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	UJ
L1929139-01	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	UJ

Sample ID	Compound	Qualifier
L1930199-01	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS) N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	UJ

Laboratory Control Sample (LCS): The results are acceptable.

Surrogates: The following were qualified due to deficiency;

Sample ID	Compound	Qualifier
L1927385-01	Perfluorohexanoic Acid (PFHxA) Perfluoroheptanoic Acid (PFHpA) Perfluorodecanoic Acid (PFDA) N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) Perfluorooctanesulfonamide (FOSA)	UJ
L1928623-02	Perfluorobutanoic Acid (PFBA) Perfluoropentanoic Acid (PFPeA) Perfluorohexanoic Acid (PFHxA) Perfluoroheptanoic Acid (PFHpA	UJ
L1929139-03	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	UJ
L1929861-01	Perfluorobutanoic Acid (PFBA) Perfluoropentanoic Acid (PFPeA) Perfluorohexanoic Acid (PFHxA) Perfluoroheptanoic Acid (PFHpA) Perfluorooctanoic Acid (PFOA) N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	
L1929861-05	Perfluorobutanoic Acid (PFBA) Perfluoropentanoic Acid (PFPeA) Perfluoroheptanoic Acid (PFHpA) Perfluorooctanoic Acid (PFOA) 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) Perfluorononanoic Acid (PFNA) Perfluorodecanoic Acid (PFDA) N-Methyl Perfluorooctanesulfonamidoacetic	UJ

Sample ID	Compound	Qualifier
	Acid (NMeFOSAA) Perfluoroundecanoic Acid (PFUnA) N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) Perfluorododecanoic Acid (PFDoA)	
L1929861-02 L1929861-03 L1929861-04	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	UJ
L1930199-02	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA) N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	UJ

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. The results are acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J).

Additional Comments: Some Form 1s and case narratives are reporting criteria out of QC limits. If data were impacted due to the deficiency, it is discussed in the DUSR and appropriate qualifier(s) applied. Therefore all discussions in the DUSR relate to all conditions that affected data usability. When there are multiple analyses, the validator presents the best run (Attachment A).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

FORM 1s

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1927385
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1927385-01	Date Collected	: 06/21/19 09:00
Client ID	: SB-9 (0-2)	Date Received	: 06/21/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/11/19 00:24
Sample Matrix	: SOIL	Date Extracted	: 07/09/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6047	Analyst	: JW
Sample Amount	: 4.5 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.477	0.011	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.477	0.022	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.477	0.019	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.477	0.025	U J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.477	0.022	U J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.477	0.029	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.477	0.020	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.477	0.086	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.477	0.065	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.477	0.036	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.272	0.477	0.062	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.477	0.032	U J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.477	0.137	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.477	0.096	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.058	0.477	0.022	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.477	0.073	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.477	0.047	U J
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.049	0.477	0.040	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1927385
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1927385-01	**Date Collected**	: 06/21/19 09:00
Client ID	: SB-9 (0-2)	**Date Received**	: 06/21/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/11/19 00:24
Sample Matrix	: SOIL	**Date Extracted**	: 07/09/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6047	**Analyst**	: JW
Sample Amount	: 4.5 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 93
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.477	0.033	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.477	0.098	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.477	0.026	U
NONE	PFOA/PFOS, Total	0.272	0.477	0.020	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1927385
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1927385-02	Date Collected	: 06/21/19 09:30
Client ID	: SB-9 (9-9.5)	Date Received	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/11/19 00:41
Sample Matrix	: SOIL	Date Extracted	: 07/09/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6048	Analyst	: JW
Sample Amount	: 4.77 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.529	0.012	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.529	0.024	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.529	0.021	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.529	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.529	0.024	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.529	0.032	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.529	0.022	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.529	0.095	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.529	0.072	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.529	0.040	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.529	0.069	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.529	0.036	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.529	0.152	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.529	0.107	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.529	0.025	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.529	0.081	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.529	0.052	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.529	0.045	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1927385
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1927385-02	**Date Collected**	: 06/21/19 09:30
Client ID	: SB-9 (9-9.5)	**Date Received**	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/11/19 00:41
Sample Matrix	: SOIL	**Date Extracted**	: 07/09/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6048	**Analyst**	: JW
Sample Amount	: 4.77 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.529	0.037	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.529	0.108	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.529	0.029	U
NONE	PFOA/PFOS, Total	ND	0.529	0.022	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1927385
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1927385-03	Date Collected	: 06/21/19 11:10
Client ID	: SB-10 (0-2)	Date Received	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/11/19 00:58
Sample Matrix	: SOIL	Date Extracted	: 07/09/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6049	Analyst	: JW
Sample Amount	: 5.15 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.519	0.012	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.519	0.024	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.519	0.020	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.519	0.027	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.519	0.023	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.519	0.031	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.519	0.022	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.519	0.093	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.519	0.071	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.519	0.039	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.519	0.068	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.519	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.519	0.149	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.519	0.105	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.519	0.024	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.519	0.079	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.519	0.051	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.519	0.044	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1927385
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1927385-03	**Date Collected**	: 06/21/19 11:10
Client ID	: SB-10 (0-2)	**Date Received**	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/11/19 00:58
Sample Matrix	: SOIL	**Date Extracted**	: 07/09/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6049	**Analyst**	: JW
Sample Amount	: 5.15 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.519	0.036	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.519	0.106	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.519	0.028	U
NONE	PFOA/PFOS, Total	ND	0.519	0.022	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1927385
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1927385-04	Date Collected	: 06/21/19 11:40
Client ID	: SB-10 (8.5-9)	Date Received	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/11/19 01:14
Sample Matrix	: SOIL	Date Extracted	: 07/09/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6050	Analyst	: JW
Sample Amount	: 4.21 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.570	0.013	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.570	0.026	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.570	0.022	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.570	0.030	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.570	0.026	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.570	0.035	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.570	0.024	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.570	0.102	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.570	0.078	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.570	0.043	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.570	0.074	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.570	0.038	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.570	0.163	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.570	0.115	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.570	0.027	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.570	0.087	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.570	0.056	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.570	0.048	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1927385
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1927385-04	**Date Collected**	: 06/21/19 11:40
Client ID	: SB-10 (8.5-9)	**Date Received**	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/11/19 01:14
Sample Matrix	: SOIL	**Date Extracted**	: 07/09/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6050	**Analyst**	: JW
Sample Amount	: 4.21 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.570	0.040	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.570	0.116	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.570	0.031	U
NONE	PFOA/PFOS, Total	ND	0.570	0.024	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1927385
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1927385-05	Date Collected	: 06/21/19 07:15
Client ID	: FIELD BLANK EQ-3	Date Received	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/07/19 21:52
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5828	Analyst	: JW
Sample Amount	: 281 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.78	0.363	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.78	0.352	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.78	0.212	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.78	0.292	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.78	0.200	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.78	0.334	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.78	0.210	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.78	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.78	0.612	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.78	0.278	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.78	0.448	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.78	0.270	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.78	0.576	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.78	0.231	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.78	0.872	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.78	0.516	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.78	0.715	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1927385
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1927385-05	**Date Collected**	: 06/21/19 07:15
Client ID	: FIELD BLANK EQ-3	**Date Received**	: 06/21/19
Sample Location	: 19-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/07/19 21:52
Sample Matrix	: WATER	**Date Extracted**	: 07/03/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5828	**Analyst**	: JW
Sample Amount	: 281 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.78	0.331	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.291	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	ND	1.78	0.210	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-01	**Date Collected**	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/11/19 09:31
Sample Matrix	: WATER	**Date Extracted**	: 07/10/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6080	**Analyst**	: JW
Sample Amount	: 274 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.82	0.372	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.82	0.361	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.82	0.217	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.82	0.299	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.82	0.205	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	0.343	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.82	0.215	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.82	1.22	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.82	0.628	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.82	0.285	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.82	0.460	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.82	0.277	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.82	1.10	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.82	0.591	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.82	0.237	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.82	0.894	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.82	0.529	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.82	0.734	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-01	**Date Collected**	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/11/19 09:31
Sample Matrix	: WATER	**Date Extracted**	: 07/10/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6080	**Analyst**	: JW
Sample Amount	: 274 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.82	0.339	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.471	1.82	0.298	J
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.456	1.82	0.226	J
NONE	PFOA/PFOS, Total	ND	1.82	0.215	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928623
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928623-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/03/19 16:21
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5737	Analyst	: JW
Sample Amount	: 2.64 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 100
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.761	0.017	U J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.761	0.035	U J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.761	0.030	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.761	0.040	U J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.761	0.034	U J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.761	0.046	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.056	0.761	0.032	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.761	0.137	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.761	0.104	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.761	0.057	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.761	0.099	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.761	0.051	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.761	0.218	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.761	0.153	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.761	0.036	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.761	0.116	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.761	0.075	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.761	0.064	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-02	**Date Collected**	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/03/19 16:21
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5737	**Analyst**	: JW
Sample Amount	: 2.64 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 100
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.761	0.053	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.761	0.156	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.761	0.041	U
NONE	PFOA/PFOS, Total	0.056	0.761	0.032	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928623
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928623-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/03/19 16:37
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5738	Analyst	: JW
Sample Amount	: 2.79 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.724	0.016	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.481	0.724	0.033	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.724	0.028	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.086	0.724	0.038	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.724	0.033	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.724	0.044	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.187	0.724	0.030	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.724	0.130	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.724	0.099	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.724	0.054	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.724	0.094	U
335-76-2	Perfluorodecanoic Acid (PFDA)	0.054	0.724	0.049	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.724	0.208	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.724	0.146	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.724	0.034	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.724	0.111	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.724	0.071	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.724	0.061	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-03	**Date Collected**	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/03/19 16:37
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5738	**Analyst**	: JW
Sample Amount	: 2.79 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 99
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.724	0.051	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.724	0.148	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.724	0.039	U
NONE	PFOA/PFOS, Total	0.187	0.724	0.030	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928623
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928623-04	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/03/19 16:54
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5739	Analyst	: JW
Sample Amount	: 2.8 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.734	0.017	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.734	0.034	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.734	0.029	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.734	0.039	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.734	0.033	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.734	0.044	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.734	0.031	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.734	0.132	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.734	0.100	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.734	0.055	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.734	0.095	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.734	0.049	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.734	0.211	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.734	0.148	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.734	0.034	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.734	0.112	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.734	0.072	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.734	0.062	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-04	**Date Collected**	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/03/19 16:54
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5739	**Analyst**	: JW
Sample Amount	: 2.8 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.734	0.051	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.734	0.150	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.734	0.040	U
NONE	PFOA/PFOS, Total	ND	0.734	0.031	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928623
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928623-05	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/03/19 17:11
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5740	Analyst	: JW
Sample Amount	: 2.76 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.829	0.019	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.829	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.829	0.032	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.829	0.044	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.829	0.037	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.829	0.050	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.829	0.035	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.829	0.149	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.829	0.113	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.829	0.062	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.829	0.108	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.829	0.056	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.829	0.238	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.829	0.167	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.829	0.039	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.829	0.127	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.829	0.081	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.829	0.070	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-05	**Date Collected**	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/03/19 17:11
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5740	**Analyst**	: JW
Sample Amount	: 2.76 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.829	0.058	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.829	0.170	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.829	0.045	U
NONE	PFOA/PFOS, Total	ND	0.829	0.035	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928623
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928623-06	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/03/19 17:27
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5741	Analyst	: JW
Sample Amount	: 2.76 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.753	0.017	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.753	0.035	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.753	0.029	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.753	0.040	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.753	0.034	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.753	0.046	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.753	0.032	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.753	0.135	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.753	0.103	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.753	0.057	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.753	0.098	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.753	0.051	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.753	0.216	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.753	0.152	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.753	0.035	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.753	0.115	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.753	0.074	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.753	0.064	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-06	**Date Collected**	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/03/19 17:27
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5741	**Analyst**	: JW
Sample Amount	: 2.76 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 96
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.753	0.053	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.753	0.154	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.753	0.041	U
NONE	PFOA/PFOS, Total	ND	0.753	0.032	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928623
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928623-07	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 07/03/19 17:44
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5742	Analyst	: JW
Sample Amount	: 2.6 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.856	0.019	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.856	0.039	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.856	0.033	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.856	0.045	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.856	0.039	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.856	0.052	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.856	0.036	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.856	0.154	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.856	0.117	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.856	0.064	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.856	0.111	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.856	0.057	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.856	0.246	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.856	0.172	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.856	0.040	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.856	0.131	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.856	0.084	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.856	0.072	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928623
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928623-07	**Date Collected**	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 07/03/19 17:44
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5742	**Analyst**	: JW
Sample Amount	: 2.6 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 90
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.856	0.060	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.856	0.175	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.856	0.046	U
NONE	PFOA/PFOS, Total	ND	0.856	0.036	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928790
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928790-01	Date Collected	: 07/01/19 09:00
Client ID	: FIELD BLANK-DI-WATER	Date Received	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/13/19 06:42
Sample Matrix	: WATER	Date Extracted	: 07/11/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I16854	Analyst	: AJ
Sample Amount	: 281 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.78	0.363	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.78	0.352	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.78	0.212	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.78	0.292	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.78	0.200	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.78	0.334	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.78	0.210	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.78	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.78	0.612	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.78	0.278	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.78	0.448	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.78	0.270	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.78	0.576	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.78	0.231	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.78	0.872	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.78	0.516	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.78	0.715	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928790
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928790-01	**Date Collected**	: 07/01/19 09:00
Client ID	: FIELD BLANK-DI-WATER	**Date Received**	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/13/19 06:42
Sample Matrix	: WATER	**Date Extracted**	: 07/11/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I16854	**Analyst**	: AJ
Sample Amount	: 281 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.78	0.331	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.291	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	ND	1.78	0.210	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928790
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928790-02	Date Collected	: 07/01/19 09:15
Client ID	: FIELD BLANK-EQ-6	Date Received	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/13/19 06:58
Sample Matrix	: WATER	Date Extracted	: 07/11/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I16855	Analyst	: AJ
Sample Amount	: 277 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.80	0.368	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.80	0.357	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.80	0.215	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.80	0.296	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.80	0.203	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.80	0.339	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.80	0.213	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	72.7	1.80	1.20	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.80	0.621	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.372	1.80	0.282	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.80	0.455	U
335-76-2	Perfluorodecanoic Acid (PFDA)	0.394	1.80	0.274	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.80	1.09	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.80	0.585	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.415	1.80	0.235	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.80	0.884	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.80	0.523	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.80	0.726	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928790
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928790-02	**Date Collected**	: 07/01/19 09:15
Client ID	: FIELD BLANK-EQ-6	**Date Received**	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/13/19 06:58
Sample Matrix	: WATER	**Date Extracted**	: 07/11/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I16855	**Analyst**	: AJ
Sample Amount	: 277 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.80	0.336	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.80	0.295	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.80	0.224	U
NONE	PFOA/PFOS, Total	ND	1.80	0.213	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928790
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928790-03	Date Collected	: 07/01/19 10:30
Client ID	: SB-16 (0-2)	Date Received	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/18/19 20:04
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6537	Analyst	: JW
Sample Amount	: 4.19 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.21	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.21	0.056	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.21	0.047	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.21	0.064	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.21	0.055	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.21	0.073	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.21	0.051	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.21	0.217	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.21	0.165	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.21	0.091	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.21	0.157	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.21	0.081	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.21	0.348	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.21	0.244	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.21	0.057	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.21	0.185	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.21	0.119	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.21	0.102	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928790
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928790-03	**Date Collected**	: 07/01/19 10:30
Client ID	: SB-16 (0-2)	**Date Received**	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/18/19 20:04
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6537	**Analyst**	: JW
Sample Amount	: 4.19 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.21	0.085	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.21	0.248	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.21	0.065	U
NONE	PFOA/PFOS, Total	ND	1.21	0.051	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928790
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928790-04	Date Collected	: 07/01/19 11:20
Client ID	: SB-16 (9.5-10)	Date Received	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 07:39
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6579	Analyst	: JW
Sample Amount	: 4.4 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.13	0.026	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.13	0.052	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.13	0.044	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.13	0.060	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.13	0.051	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.13	0.069	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.160	1.13	0.048	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.13	0.203	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.13	0.155	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.13	0.085	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.13	0.147	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.13	0.076	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.13	0.325	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.13	0.228	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.13	0.053	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.13	0.173	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.13	0.111	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.13	0.096	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928790
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928790-04	**Date Collected**	: 07/01/19 11:20
Client ID	: SB-16 (9.5-10)	**Date Received**	: 07/01/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/19/19 07:39
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6579	**Analyst**	: JW
Sample Amount	: 4.4 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 80
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.13	0.079	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.13	0.232	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.063	1.13	0.061	J
NONE	PFOA/PFOS, Total	0.160	1.13	0.048	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929139
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929139-01	Date Collected	: 07/02/19 07:00
Client ID	: FIELD BLANK EQ-7	Date Received	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/16/19 23:44
Sample Matrix	: WATER	Date Extracted	: 07/15/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6404	Analyst	: JW
Sample Amount	: 280 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.78	0.364	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.78	0.354	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.78	0.212	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.78	0.293	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.78	0.201	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.78	0.336	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.78	0.211	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.78	1.19	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.78	0.614	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.78	0.278	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.78	0.450	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.78	0.271	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.78	0.578	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.78	0.232	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.78	0.875	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.78	0.518	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.78	0.718	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929139
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929139-01	**Date Collected**	: 07/02/19 07:00
Client ID	: FIELD BLANK EQ-7	**Date Received**	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/16/19 23:44
Sample Matrix	: WATER	**Date Extracted**	: 07/15/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6404	**Analyst**	: JW
Sample Amount	: 280 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.78	0.332	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.292	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	ND	1.78	0.211	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929139
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929139-02	Date Collected	: 07/02/19 10:15
Client ID	: SB-17 (9.5-10)	Date Received	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/19/19 08:29
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6582	Analyst	: JW
Sample Amount	: 4.37 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.270	0.946	0.022	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.292	0.946	0.044	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.065	0.946	0.037	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	3.56	0.946	0.050	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.159	0.946	0.043	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.205	0.946	0.057	J
335-67-1	Perfluorooctanoic Acid (PFOA)	1.85	0.946	0.040	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.946	0.170	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.946	0.129	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.946	0.071	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.16	0.946	0.123	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.245	0.946	0.063	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.946	0.272	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.946	0.191	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.057	0.946	0.044	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	1.36	0.946	0.145	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.946	0.093	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.946	0.080	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929139
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929139-02	**Date Collected**	: 07/02/19 10:15
Client ID	: SB-17 (9.5-10)	**Date Received**	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/19/19 08:29
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6582	**Analyst**	: JW
Sample Amount	: 4.37 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.169	0.946	0.066	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.196	0.946	0.194	J
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.227	0.946	0.051	J
NONE	PFOA/PFOS, Total	3.01	0.946	0.040	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929139
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929139-03	Date Collected	: 07/02/19 12:00
Client ID	: SB-18 (0-2)	Date Received	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/19/19 08:46
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6583	Analyst	: JW
Sample Amount	: 4.11 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.03	0.023	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.03	0.048	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.03	0.040	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.112	1.03	0.054	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.03	0.047	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.03	0.062	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.092	1.03	0.043	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.03	0.185	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.03	0.141	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.03	0.077	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.03	0.134	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.03	0.069	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.03	0.296	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.03	0.208	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.03	0.048	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.03	0.158	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.03	0.101	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.03	0.087	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929139
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929139-03	**Date Collected**	: 07/02/19 12:00
Client ID	: SB-18 (0-2)	**Date Received**	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/19/19 08:46
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6583	**Analyst**	: JW
Sample Amount	: 4.11 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 94
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.03	0.072	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.03	0.211	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.062	1.03	0.056	J
NONE	PFOA/PFOS, Total	0.092	1.03	0.043	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929139
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929139-04	Date Collected	: 07/02/19 12:15
Client ID	: SB-18 (9-9.5)	Date Received	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/19/19 09:02
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6584	Analyst	: JW
Sample Amount	: 4.23 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.24	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.24	0.057	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.24	0.049	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.24	0.065	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.24	0.056	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.24	0.075	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.24	0.052	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.24	0.223	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.24	0.170	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.24	0.093	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.24	0.162	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.24	0.083	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.24	0.357	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.24	0.250	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.538	1.24	0.058	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.24	0.190	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.24	0.122	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.24	0.105	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929139
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929139-04	**Date Collected**	: 07/02/19 12:15
Client ID	: SB-18 (9-9.5)	**Date Received**	: 07/02/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/19/19 09:02
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6584	**Analyst**	: JW
Sample Amount	: 4.23 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 76
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	1.09	1.24	0.087	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	1.16	1.24	0.254	J
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.947	1.24	0.067	J
NONE	PFOA/PFOS, Total	ND	1.24	0.052	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 11:35
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6854	Analyst	: JW
Sample Amount	: 4.26 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.01	0.023	U J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.01	0.047	U J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.01	0.040	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.01	0.053	U J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.01	0.046	U J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.01	0.061	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.01	0.042	U J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.01	0.182	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.01	0.138	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.01	0.076	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.01	0.132	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.01	0.068	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.01	0.291	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.01	0.204	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.01	0.047	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.01	0.155	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.01	0.099	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.01	0.086	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929861
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929861-01	**Date Collected**	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 11:35
Sample Matrix	: SOIL	**Date Extracted**	: 07/22/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6854	**Analyst**	: JW
Sample Amount	: 4.26 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 93
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.01	0.071	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.01	0.207	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.01	0.055	U
NONE	PFOA/PFOS, Total	ND	1.01	0.042	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 11:52
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6855	Analyst	: JW
Sample Amount	: 4.36 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.16	0.026	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.16	0.053	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.16	0.045	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.16	0.061	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.16	0.052	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.16	0.070	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.16	0.048	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.16	0.207	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.16	0.158	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.16	0.087	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.16	0.150	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.16	0.077	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.16	0.332	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.16	0.233	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.16	0.054	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.16	0.177	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.16	0.113	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.16	0.098	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929861
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929861-02	**Date Collected**	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 11:52
Sample Matrix	: SOIL	**Date Extracted**	: 07/22/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6855	**Analyst**	: JW
Sample Amount	: 4.36 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.16	0.081	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.16	0.236	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.16	0.062	U
NONE	PFOA/PFOS, Total	ND	1.16	0.048	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-03	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 12:08
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6856	Analyst	: JW
Sample Amount	: 4.25 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.02	0.023	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.02	0.047	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.02	0.040	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.02	0.054	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.02	0.046	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.02	0.062	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.02	0.043	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.02	0.184	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.02	0.140	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.02	0.077	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.02	0.133	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.02	0.069	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.02	0.294	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.02	0.206	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.02	0.048	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.02	0.156	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.02	0.100	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.02	0.086	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929861
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929861-03	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 12:08
Sample Matrix	: SOIL	**Date Extracted**	: 07/22/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6856	**Analyst**	: JW
Sample Amount	: 4.25 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 92
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.02	0.072	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.02	0.209	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.02	0.055	U
NONE	PFOA/PFOS, Total	ND	1.02	0.043	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-04	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 12:25
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6857	Analyst	: JW
Sample Amount	: 4.27 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.03	0.023	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.03	0.047	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.03	0.040	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.03	0.054	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.03	0.046	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.03	0.062	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.03	0.043	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.03	0.184	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.03	0.140	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.03	0.077	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.03	0.134	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.03	0.069	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.03	0.295	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.03	0.207	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.03	0.048	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.03	0.157	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.03	0.101	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.03	0.087	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929861
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929861-04	**Date Collected**	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 12:25
Sample Matrix	: SOIL	**Date Extracted**	: 07/22/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6857	**Analyst**	: JW
Sample Amount	: 4.27 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.03	0.072	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.03	0.210	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.03	0.056	U
NONE	PFOA/PFOS, Total	ND	1.03	0.043	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-05	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 12:41
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6858	Analyst	: JW
Sample Amount	: 4.3 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.02	0.023	U J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.02	0.047	U J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.02	0.040	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.02	0.054	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.02	0.046	U J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.02	0.062	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.02	0.043	U J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.02	0.183	U J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.02	0.139	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.02	0.076	U J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.02	0.132	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.02	0.068	U J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.02	0.292	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.02	0.205	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.02	0.048	U J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.02	0.156	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.02	0.100	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.02	0.086	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-05	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 12:41
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6858	Analyst	: JW
Sample Amount	: 4.3 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.02	0.071	U J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.02	0.208	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.02	0.055	U
NONE	PFOA/PFOS, Total	ND	1.02	0.043	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-06	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 12:58
Sample Matrix	: SOIL	Date Extracted	: 07/22/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6859	Analyst	: JW
Sample Amount	: 4.37 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.029	0.956	0.022	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.956	0.044	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.956	0.037	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.344	0.956	0.050	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.956	0.043	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.956	0.058	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.142	0.956	0.040	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.956	0.172	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.956	0.130	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.956	0.072	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.956	0.124	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.956	0.064	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.956	0.274	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.956	0.193	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.956	0.045	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.956	0.146	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.956	0.094	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.956	0.081	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929861
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929861-06	**Date Collected**	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 12:58
Sample Matrix	: SOIL	**Date Extracted**	: 07/22/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6859	**Analyst**	: JW
Sample Amount	: 4.37 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 96
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.956	0.067	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.956	0.196	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.956	0.052	U
NONE	PFOA/PFOS, Total	0.142	0.956	0.040	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1929861
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929861-07	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 15:01
Sample Matrix	: WATER	Date Extracted	: 07/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6601	Analyst	: JW
Sample Amount	: 281 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.78	0.363	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.78	0.352	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.78	0.212	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.78	0.292	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.78	0.200	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.78	0.334	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.78	0.210	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.78	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.78	0.612	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.78	0.278	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.78	0.448	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.78	0.270	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.78	0.576	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.377	1.78	0.231	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.78	0.872	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.78	0.516	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.78	0.715	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1929861
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929861-07	**Date Collected**	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/19/19 15:01
Sample Matrix	: WATER	**Date Extracted**	: 07/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6601	**Analyst**	: JW
Sample Amount	: 281 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.78	0.331	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.291	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	ND	1.78	0.210	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1930199
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930199-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:23
Sample Matrix	: WATER	Date Extracted	: 07/15/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6410	Analyst	: JW
Sample Amount	: 277 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.80	0.368	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.80	0.357	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.80	0.215	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.80	0.296	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.80	0.203	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.80	0.339	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.80	0.213	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.80	1.20	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.80	0.621	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.80	0.282	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.80	0.455	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.80	0.274	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.80	1.09	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.80	0.585	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.80	0.235	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.80	0.884	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.80	0.523	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.80	0.726	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1930199
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930199-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/17/19 01:23
Sample Matrix	: WATER	**Date Extracted**	: 07/15/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6410	**Analyst**	: JW
Sample Amount	: 277 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.80	0.336	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.80	0.295	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.80	0.224	U
NONE	PFOA/PFOS, Total	ND	1.80	0.213	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1930199
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930199-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 01:58
Sample Matrix	: SOIL	Date Extracted	: 07/23/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I17112	Analyst	: AJ
Sample Amount	: 4.53 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.952	0.022	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.071	0.952	0.044	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.952	0.037	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.952	0.050	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.952	0.043	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.952	0.058	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.059	0.952	0.040	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.301	0.952	0.171	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.952	0.130	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.952	0.071	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.952	0.124	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.952	0.064	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.952	0.273	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.952	0.192	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.952	0.045	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.952	0.146	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.952	0.093	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.952	0.081	U J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1930199
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930199-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 01:58
Sample Matrix	: SOIL	**Date Extracted**	: 07/23/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I17112	**Analyst**	: AJ
Sample Amount	: 4.53 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 93
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.952	0.067	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.952	0.195	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.952	0.051	U
NONE	PFOA/PFOS, Total	0.059	0.952	0.040	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1930199
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930199-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/25/19 02:14
Sample Matrix	: SOIL	Date Extracted	: 07/23/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I17113	Analyst	: AJ
Sample Amount	: 4.38 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.958	0.022	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.958	0.044	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.958	0.037	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.958	0.050	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.958	0.043	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.958	0.058	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.958	0.040	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.958	0.172	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.958	0.131	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.958	0.072	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.958	0.124	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.958	0.064	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.958	0.275	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.958	0.193	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.958	0.045	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.958	0.147	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.958	0.094	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.958	0.081	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1930199
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930199-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/25/19 02:14
Sample Matrix	: SOIL	**Date Extracted**	: 07/23/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I17113	**Analyst**	: AJ
Sample Amount	: 4.38 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 95
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.958	0.067	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.958	0.196	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.958	0.052	U
NONE	PFOA/PFOS, Total	ND	0.958	0.040	U

ATTACHMENT B

CASE NARRATIVE & COC

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1927385
Report Date: 07/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1927385-01	SB-9 (0-2)	SOIL	11-35 31ST DRIVE ASTORIA	06/21/19 09:00	06/21/19
L1927385-02	SB-9 (9-9.5)	SOIL	19-35 31ST DRIVE ASTORIA	06/21/19 09:30	06/21/19
L1927385-03	SB-10 (0-2)	SOIL	19-35 31ST DRIVE ASTORIA	06/21/19 11:10	06/21/19
L1927385-04	SB-10 (8.5-9)	SOIL	19-35 31ST DRIVE ASTORIA	06/21/19 11:40	06/21/19
L1927385-05	FIELD BLANK EQ-3	WATER	19-35 31ST DRIVE ASTORIA	06/21/19 07:15	06/21/19

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.

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In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

HOLD POLICY
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Please contact Client Services at 800-624-9220 with any questions.

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L1927385-01: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1257672-1, WG1257672-2, and WG1257672-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1257672-2 LCS recovery, associated with L1927385-01 through -04, is above the acceptance criteria for perfluorooctanesulfonamide (fosa) (181%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported. In addition, the WG1257672-2/-3 LCS/LCSD RPD is above the acceptance criteria for perfluorooctanesulfonamide (fosa) (64%).

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:  Report Date: 07/11/19

Title: Technical Director/Representative

Sample Delivery Group Summary

Alpha Job Number : L1927385

Account Name : Impact Environmental
Project Number : 11845
Project Name : 31ST DRIVE

Received : 21-JUN-2019
Reviewer : Kim L. Bailey

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.6	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between sample labels & COC?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

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 2 of 2

Date Rec'd in Lab: 6/22/19

ALPHA Job #: L1927385

Client Information

Client: Impact
Address:
Phone: 631-269-0500
Fax:
Email: roberto@impactnu.com

Project Information

Project Name: 31st Drive
Project Location: I/P-35 31st Drive Astoria
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Modified Method 537 PFAS NYSDEC List

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Modified Method 537 PFAS NYSDEC List	Sample Specific Comments
27385.01	SB-9 (0-2)	6/21	9:00	S	LR	X	
.02	SB-9 (9-9.5)	6/21	9:30	S	LR	X	
.03	SB-10 (0-2)	6/21	11:10	S	LR	X	
.04	SB-10 (8.5-9)	6/21	11:40	S	LR	X	
.05	Field Blank EQ-3	6/21	7:15	S	LR	X	

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	1640 6/21	AHL	6/21/19 1648
	2022 6/21/19		6/21/19 2300
	6/22/19 0335		6/22/19 03:30
	6/22/19 0610		6/22/19 06:10

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)

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1927385
Report Date: 07/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1927385-01	SB-9 (0-2)	SOIL	11-35 31ST DRIVE ASTORIA	06/21/19 09:00	06/21/19
L1927385-02	SB-9 (9-9.5)	SOIL	19-35 31ST DRIVE ASTORIA	06/21/19 09:30	06/21/19
L1927385-03	SB-10 (0-2)	SOIL	19-35 31ST DRIVE ASTORIA	06/21/19 11:10	06/21/19
L1927385-04	SB-10 (8.5-9)	SOIL	19-35 31ST DRIVE ASTORIA	06/21/19 11:40	06/21/19
L1927385-05	FIELD BLANK EQ-3	WATER	19-35 31ST DRIVE ASTORIA	06/21/19 07:15	06/21/19

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.

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In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

HOLD POLICY
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Please contact Client Services at 800-624-9220 with any questions.

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L1927385-01: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1257672-1, WG1257672-2, and WG1257672-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1257672-2 LCS recovery, associated with L1927385-01 through -04, is above the acceptance criteria for perfluorooctanesulfonamide (fosa) (181%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported. In addition, the WG1257672-2/-3 LCS/LCSD RPD is above the acceptance criteria for perfluorooctanesulfonamide (fosa) (64%).

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:  Report Date: 07/11/19

Title: Technical Director/Representative

NEW JERSEY 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 3 of 3

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1928623

Client Information
Client: Impact
Address: 170 Keyland ct
Bohemia NY
Phone: 631-269-8500
Fax:
Email: lrobertson@impactenvironmental

Project Information
Project Name: 11-35 31st Drive
Project Location: 11-35 31st Drive Astoria
Project #: 11845
(Use Project name as Project #)
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B package

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS
modified mem 537 PFAS NYDEC List

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		Sample Specific Comments
928623-01	Field Blank - EQ-5	6/27	700	L	LR	X	
-02	SB-13 (0-2)	6/27	715	S	LR	X	
-03	SB-13 (9.5-10)	6/27	730	S	LR	X	
-04	SB-14 (0-2)	6/27	930	S	LR	X	
-05	SB-14 (9-9.5)	6/27	945	S	LR	X	
-06	SB-15 (0-2)	6/27	1100	S	LR	X	
-07	SB-15 (9-9.5)	6/27	1120	S	LR	X	

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

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

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

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
	6/27/19 1720		6/27/19 1720
	6/27 2100		6/27 2134
	6/28 0220		6/28/19 0130
	06/28/19 0540		6/28/19 0540

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Form No: 01-14 HC (rev. 30-Sept-2013)

Project Name: 11-35 31ST DRIVE
Project Number: 11845

Lab Number: L1928623
Report Date: 07/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1928623-01	FIELD BLANK-EQ-5	WATER	11-35 31ST DRIVE ASTORIA	06/27/19 07:00	06/27/19
L1928623-02	SB-13 (0-2)	SOIL	11-35 31ST DRIVE ASTORIA	06/27/19 07:15	06/27/19
L1928623-03	SB-13 (9.5-10)	SOIL	11-35 31ST DRIVE ASTORIA	06/27/19 07:30	06/27/19
L1928623-04	SB-14 (0-2)	SOIL	11-35 31ST DRIVE ASTORIA	06/27/19 09:30	06/27/19
L1928623-05	SB-14 (9-9.5)	SOIL	11-35 31ST DRIVE ASTORIA	06/27/19 09:45	06/27/19
L1928623-06	SB-15 (0-2)	SOIL	11-35 31ST DRIVE ASTORIA	06/27/19 11:00	06/27/19
L1928623-07	SB-15 (9-9.5)	SOIL	11-35 31ST DRIVE ASTORIA	06/27/19 11:20	06/27/19

Case Narrative

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Please contact Client Services at 800-624-9220 with any questions.

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L1928623-02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1255674-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1255717-3: The continuing calibration standard had the response for Perfluorohexanesulfonic Acid-Branched (br-PFHxS), outside of acceptance criteria. The response for Perfluorohexanesulfonic Acid (PFHxS) was within acceptance criteria; therefore, no further action was taken.

WG1255717-3: The continuing calibration standard had the response for PFUnA above the acceptance criteria for the method. The associated samples were non-detect; therefore, no further action was taken.

WG1256207-3: The continuing calibration standard had the response for Perfluoroctanesulfonic Acid-Branched (br-PFOS) outside of acceptance criteria. The response for Perfluorooctanesulfonic Acid (PFOS) was within acceptance criteria; therefore, no further action was taken.

WG1256207-3: The continuing calibration standard had the response for 8:2FTS outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

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: Report Date: 07/11/19

Title: Technical Director/Representative

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1928790
Report Date: 07/19/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1928790-01	FIELD BLANK-DI-WATER	WATER	11-35 31ST DRIVE	07/01/19 09:00	07/01/19
L1928790-02	FIELD BLANK-EQ-6	WATER	11-35 31ST DRIVE	07/01/19 09:15	07/01/19
L1928790-03	SB-16 (0-2)	SOIL	11-35 31ST DRIVE	07/01/19 10:30	07/01/19
L1928790-04	SB-16 (9.5-10)	SOIL	11-35 31ST DRIVE	07/01/19 11:20	07/01/19

Case Narrative

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Case Narrative (continued)

Report Submission

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

Sample Receipt

L1928790-04: The sample identified as "SB-16 (20-20.5)" on the chain of custody was identified as "SB-16 (9.5-10)" on the container label. At the client's request, the sample is reported as "SB-16 (9.5-10)".

Perfluorinated Alkyl Acids by Isotope Dilution

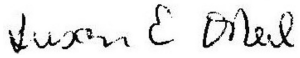
L1928790-01 and -02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L1928790-02: The Field Blank has a concentration above the reporting limit for 6:2FTS. There is no sample volume remaining to confirm the result.

WG125844-3, WG1260546-1, WG1260546-2, WG1260546-2, and WG1260546-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1260546-3 LCS recovery, associated with L1928790-03 and -04, is above the acceptance criteria for 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2fts) (139%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

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:  Report Date: 07/19/19

Title: Technical Director/Representative

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 2 of 2

Date Rec'd in Lab: 7/2/19

ALPHA Job #: L1928790

Client Information

Client: Impact
Address: 170 Keyland ct
Phone: 631-269-8800
Fax:
Email: lrobertson@impactenv.

Project Information

Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Jake De la Fuente
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

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

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 specify Metals or TAL.

ANALYSIS

method 537 PFAS NYDEC list

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		Sample Specific Comments
2819-01	Field Blank- DI-Water	7/1	900	L	LR	X	
02	Field Blank- EQ-6	7/1	915	S	LR	X	
03	SB-16 (0-2)	7/1	1030	S	LR	X	
04	SB-16 (20-205)	7/1	1120	S	LR	X	

Container Type
Preservative

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
	7/1/19 1515		
	7/1/19 1957		7/2/19 0100

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)

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1929139
Report Date: 07/19/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929139-01	FIELD BLANK EQ-7	WATER	11-35 31ST DRIVE, ASTORIA	07/02/19 07:00	07/02/19
L1929139-02	SB-17 (9.5-10)	SOIL	11-35 31ST DRIVE, ASTORIA	07/02/19 10:15	07/02/19
L1929139-03	SB-18 (0-2)	SOIL	11-35 31ST DRIVE, ASTORIA	07/02/19 12:00	07/02/19
L1929139-04	SB-18 (9-9.5)	SOIL	11-35 31ST DRIVE, ASTORIA	07/02/19 12:15	07/02/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

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.

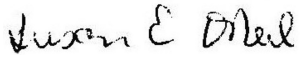
Perfluorinated Alkyl Acids by Isotope Dilution

L1929139-03: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1260546-1, WG1260546-2, and WG1260546-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1260546-3 LCSD recovery, associated with L1929139-02 through -04, is above the acceptance criteria for 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2fts) (139%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

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:  Report Date: 07/19/19

Title: Technical Director/Representative

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 of

Date Rec'd in Lab: 7/3/19

ALPHA Job #: L1291B9

Client Information
Client: Impact
Address: 170 Keyland Ct.
Phone: 631-269-8800
Fax:
Email: lrobertson@impactenvironmental

Project Information
Project Name: 31st Drive
Project Location: I-35 31st Drive Astoria
Project #: 11545
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

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

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 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	PFAS Under List	Sample Specific Comments	Total Bottle
L2939-4	Field Blank EQ-7	7/2	700	GW	LR	X		
03	SB-17 (9.5-10)	7/2	1015	SS	LR	X		
03	SB-18 (0-2)	7/2	1200	SS	LR	X		
04	SB-18 (9-9.5)	7/2	1215	S	LR	X		

Container Type
Preservative

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
	7/2/19 1550		7/2/19 1550
	7/2/19 2000		7/3 0820
7/3	about		7/3/19 0125

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)

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

NEW YORK CHAIN OF CUSTODY

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

Page 3 of 3

Date Rec'd in Lab: 7/10/19

ALPHA Job #: L1929861

Client Information
Client: Impact
Address: 170 Keyland Ct
Phone: 631-265-8500
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: I-35 31st Drive
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: JoITE
ALPHAQuote #:

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

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

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:

X Sample SB-19 (0-2) MS/MSD

Please specify Metals or TAL.

ANALYSIS

PFAS NYSDEC list

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	PFAS	Sample Specific Comments	Total Bottle
29861 - 01	SB-19 (0-2)	7/9	7:15	S	LR	X		
-02	SB-19 (9.5-10)	7/9	7:26	S	LR	X		
-03	SB-20 (0-2)	7/9	5:00	S	LR	X		
-04	SB-20 (9.5-10)	7/9	9:20	S	LR	X		
-05	SB-21 (0-2)	7/9	10:55	S	LR	X		
-06	SB-21 (9.5-10)	7/9	11:10	S	LR	X		
-07	Field Blank-EQ-8	7/9	6:50	L	LR	X		

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/9/19 15:00		7/9/19 15:30
	7/9/19 2040		7/9 7:30
7/10	0230		7/10/19 03:45

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)

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1929861
Report Date: 07/25/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929861-01	SB-19 (0-2)	SOIL	11-35 31ST DRIVE	07/09/19 07:15	07/09/19
L1929861-02	SB-19 (9.5-10)	SOIL	11-35 31ST DRIVE	07/09/19 07:36	07/09/19
L1929861-03	SB-20 (0-2)	SOIL	11-35 31ST DRIVE	07/09/19 09:00	07/09/19
L1929861-04	SB-20 (9.5-10)	SOIL	11-35 31ST DRIVE	07/09/19 09:20	07/09/19
L1929861-05	SB-21 (0-2)	SOIL	11-35 31ST DRIVE	07/09/19 10:55	07/09/19
L1929861-06	SB-21 (9.5-10)	SOIL	11-35 31ST DRIVE	07/09/19 11:10	07/09/19
L1929861-07	FIELD BLANK-EQ-8	WATER	11-35 31ST DRIVE	07/09/19 06:50	07/09/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L1929861-01, -02, -03, -04, and -05: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1263005-4 and WG1263005-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1263005-3 LCSD recovery, associated with L1929861-01 through -06, is above the acceptance criteria for perfluorooctanesulfonamide (fosa) (143%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

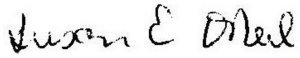
The WG1263005-2/-3 LCS/LCSD RPD, associated with L1929861-01 through -06, is above the acceptance criteria for perfluorooctanesulfonamide (fosa) (42%).

The WG1263005-4/-5 MS/MSD RPD, performed on L1929861-01, is outside the acceptance criteria for perfluorooctanesulfonamide (fosa) (51%).

WG1263769-1: The continuing calibration standard had the response for 8:2FTS outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

WG1264370-8: The continuing calibration standard had the response for 8:2FTS outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

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:  Report Date: 07/25/19

Title: Technical Director/Representative

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1930199
Report Date: 07/27/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1930199-01	FIELD BLANK EQ-9	WATER	11-35 31ST DRIVE	07/10/19 07:00	07/10/19
L1930199-02	SB-22 (0-2)	SOIL	11-35 31ST DRIVE	07/10/19 07:35	07/10/19
L1930199-03	SB-22 (9.5-10)	SOIL	11-35 31ST DRIVE	07/10/19 07:50	07/10/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

HOLD POLICY
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Please contact Client Services at 800-624-9220 with any questions.

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.

Perfluorinated Alkyl Acids by Isotope Dilution

L1930199-02, WG1263394-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1263394-2 LCS recoveries, associated with L1930199-02 and -03, are above the acceptance criteria for perfluoropentanesulfonic acid (pfpes) (128%), perfluoroheptanesulfonic acid (pfhps) (140%), perfluorononanesulfonic acid (pfns) (130%) and perfluorooctanesulfonamide (fosa) (269%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1263394-3 LCSD recoveries, associated with L1930199-02 and -03, are above the acceptance criteria for perfluoropentanesulfonic acid (pfpes) (142%), perfluorohexanesulfonic acid (pfhxs) (146%), perfluoroheptanesulfonic acid (pfhps) (155%), perfluorononanoic acid (pfna) (132%), perfluorononanesulfonic acid (pfns) (145%) and perfluorodecanesulfonic acid (pfds) (150%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1263394-2/-3 LCS/LCSD RPD(s), associated with L1930199-02 and -03, are above the acceptance criteria for perfluorooctanesulfonamide (fosa) (77%).

The WG1263394-6 MS recoveries, performed on L1930199-03, are outside the acceptance criteria for perfluoropentanesulfonic acid (pfpes) (138%), perfluorohexanesulfonic acid (pfhxs) (140%), perfluoroheptanesulfonic acid (pfhps) (143%), perfluorononanesulfonic acid (pfns) (136%) and perfluorodecanesulfonic acid (pfds) (142%).

The WG1263394-7 MSD recoveries, performed on L1930199-03, are outside the acceptance criteria for perfluoroheptanesulfonic acid (pfhps) (163%), perfluorooctanesulfonic acid (pfos) (140%), perfluorononanesulfonic acid (pfns) (155%) and perfluorodecanesulfonic acid (pfds) (158%).

The WG1263394-6/-7 MS/MSD RPDs, performed on L1930199-03, are outside the acceptance criteria for n-methyl perfluorooctanesulfonamidoacetic acid (nmefosaa) (42%) and perfluorooctanesulfonamide (fosa) (46%).

Case Narrative (continued)

WG1260400-3: The continuing calibration standard had the response for 8:2FTS outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

WG1260400-5: The continuing calibration standard had the response for 8:2FTS and NEtFOSAA outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

WG1260400-5: The continuing calibration standard had the response for Perfluorohexanesulfonic Acid-Branched (br-PFHxS), outside of acceptance criteria. The response for Perfluorohexanesulfonic Acid (PFHxS) was within acceptance criteria; therefore, no further action was taken.

WG1264040-1: The continuing calibration standard had the response for Perfluoroctanesulfonic Acid-Branched (br-PFOS) outside of acceptance criteria. The response for Perfluorooctanesulfonic Acid (PFOS) was within acceptance criteria; therefore, no further action was taken.

WG1264040-2: The continuing calibration standard had the response for NMeFOSAA above the acceptance criteria for the method. The associated samples were non-detect; therefore, no further action was taken.

WG1264040-3: The continuing calibration standard had the response for Perfluoroctanesulfonic Acid-Branched (br-PFOS) outside of acceptance criteria. The response for Perfluorooctanesulfonic Acid (PFOS) was within acceptance criteria; therefore, no further action was taken.

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:  Report Date: 07/27/19

Title: Technical Director/Representative

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 2 of 2

Date Rec'd in Lab: 7/11/19

ALPHA Job #: L1930199

Client Information

Client: Impact
Address: 170 Keyland Ct
Phone: 631-269-8800
Fax:
Email:

Project Information

Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

PFAS NYSDEC list

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

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS NYSDEC list	Total Bottle
30199-01	Field Blank - EQ-9	7/10	700	L	CR	X	
02	SB-22 (0-2)	7/10	735	S	CR	X	
03	SB-22 (5.5-10)	7/10	750	S	CR	X	

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

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

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

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
	7/10/19 1540		7/10/19 1635
	7/10/19 1930		7/10/19 2000
	7/11/19 0110		7/11/19 230

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)

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL SAMPLES

Organics

SDG No L1935993

Sampling Date: August 9, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental hŏŏdzLJl·úλ2yl·f & Public Health Consultants Inc (EhPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Site: 31st Drive SDG #: L1935993

Client: Impact Environmental Date: August 23, 2019

Laboratory: Alpha Analytical Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs
FIELD BLANK-EQ12	L1935993-01	Aqueous	X
SB-29 (0-2)	L1935993-02	Soil	X
SB-29 (19.5-20)	L1935993-03	Soil	X
SB-30 (0-2)	L1935993-04	Soil	X
SB-30 (9-9.5)	L1935993-05	Soil	X
SB-30 (19-19.5)	L1935993-06	Soil	X
SB-31 (0-2)	L1935993-07	Soil	X
SB-31 (8-8.5)	L1935993-08	Soil	X
SB-31 (19-19.5)	L1935993-09	Soil	X
TRIP BLANK	L1935993-10	Aqueous	X

The data packages contained eight (8) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: No blank contamination was present.

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1935993-07, L1935993-08, L1935993-09	Dichlorodifluoromethane, Trichlorofluoromethane	UJ
L1935993-02, L1935993-03, L1935993-04, L1935993-05	Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Trichlorofluoromethane, Carbon Disulfide, 2-Butanone, n-Butylbenzene, Hexachlorobutadiene	UJ
L1935993-06	Acrylonitrile, Acetone, 1,4-Dioxane, 4-Methyl-2-pentanone, 1,2-Dibromomethane, 2-Hexane, 1,2-Dibromo-3-chloropropane, Vinyl acetate, Dibromomethane	UJ, J

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCS/LSCD): Although, some LCS/LCSD results were outside the acceptance criteria, all affected sample results have been previously qualified due to calibration deficiency; thus further qualification is not required.

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene results for L1935993-05, L1935993-07, and L1935993-08 should be considered rejected (R) due to exceeding the calibration range in the low level analysis. The tetrachloroethene results for L1935993-05, L1935993-07, and L1935993-08 should be used in the high level analyses; while all other results from the high level analyses are rejected (R). All tentatively identified compounds (TICs) are considered "tentatively identified" and are estimated (NJ, J).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-01	Date Collected	: 08/09/19 07:00
Client ID	: FIELD BLANK-EQ12	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A24	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-01	Date Collected	: 08/09/19 07:00
Client ID	: FIELD BLANK-EQ12	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A24	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-01	Date Collected	: 08/09/19 07:00
Client ID	: FIELD BLANK-EQ12	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A24	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-01	Date Collected	: 08/09/19 07:00
Client ID	: FIELD BLANK-EQ12	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A24	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

DLM 9/20/19

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-01	Date Collected	: 08/09/19 07:00
Client ID	: FIELD BLANK-EQ12	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A24	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-02	Date Collected	: 08/09/19 08:00
Client ID	: SB-29 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A16	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	56	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.72	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	ND	0.52	0.17	U	
108-88-3	Toluene	ND	1.0	0.56	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.96	U	UJ
74-83-9	Bromomethane	ND	2.1	0.60	U	
75-01-4	Vinyl chloride	ND	1.0	0.35	U	UJ

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-02	Date Collected	: 08/09/19 08:00
Client ID	: SB-29 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A16	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	
79-01-6	Trichloroethene	ND	0.52	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.95	U	
67-64-1	Acetone	15	10	5.0		
75-15-0	Carbon disulfide	ND	10	4.7	U	UJ
78-93-3	2-Butanone	ND	10	2.3	U	UJ
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-02	Date Collected	: 08/09/19 08:00
Client ID	: SB-29 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A16	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	UJ
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	UJ
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.67	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.34	U	
123-91-1	1,4-Dioxane	ND	83	36.	U	
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-02	Date Collected	: 08/09/19 08:00
Client ID	: SB-29 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A16	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-02	**Date Collected**	: 08/09/19 08:00
Client ID	: SB-29 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/14/19 15:07
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V04190814A16	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 4 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000079-20-9	Acetic acid, methyl ester	3.44	5.1	NJ
000141-78-6	Ethyl Acetate	4.85	19.7	NJ
	Unknown Alkane	10.99	2.14	J
	Total TIC Compounds		26.9J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-03	Date Collected	: 08/09/19 08:40
Client ID	: SB-29 (19.5-20)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A17	Instrument ID	: VOA104
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.8	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.95	0.14	U	
67-66-3	Chloroform	ND	1.4	0.13	U	
56-23-5	Carbon tetrachloride	ND	0.95	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.95	0.12	U	
124-48-1	Dibromochloromethane	ND	0.95	0.13	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.25	U	
127-18-4	Tetrachloroethene	16	0.48	0.19		
108-90-7	Chlorobenzene	ND	0.48	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U	UJ
107-06-2	1,2-Dichloroethane	ND	0.95	0.24	U	
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U	
75-27-4	Bromodichloromethane	ND	0.48	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.95	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.48	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.48	0.15	U	
75-25-2	Bromoform	ND	3.8	0.23	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U	
71-43-2	Benzene	ND	0.48	0.16	U	
108-88-3	Toluene	ND	0.95	0.52	U	
100-41-4	Ethylbenzene	ND	0.95	0.13	U	
74-87-3	Chloromethane	ND	3.8	0.89	U	UJ
74-83-9	Bromomethane	ND	1.9	0.55	U	
75-01-4	Vinyl chloride	ND	0.95	0.32	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-03	Date Collected	: 08/09/19 08:40
Client ID	: SB-29 (19.5-20)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A17	Instrument ID	: VOA104
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.9	0.43	U	
75-35-4	1,1-Dichloroethene	ND	0.95	0.23	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U	
79-01-6	Trichloroethene	0.64	0.48	0.13		
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U	
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U	
179601-23-1	p/m-Xylene	ND	1.9	0.53	U	
95-47-6	o-Xylene	ND	0.95	0.28	U	
1330-20-7	Xylenes, Total	ND	0.95	0.28	U	
156-59-2	cis-1,2-Dichloroethene	1.0	0.95	0.17		
540-59-0	1,2-Dichloroethene, Total	1.0	0.95	0.13		
74-95-3	Dibromomethane	ND	1.9	0.23	U	
100-42-5	Styrene	ND	0.95	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.5	0.87	U	
67-64-1	Acetone	6.8	9.5	4.6	J	
75-15-0	Carbon disulfide	ND	9.5	4.3	U	UJ
78-93-3	2-Butanone	ND	9.5	2.1	U	UJ
108-05-4	Vinyl acetate	ND	9.5	2.0	U	
108-10-1	4-Methyl-2-pentanone	ND	9.5	1.2	U	
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U	
591-78-6	2-Hexanone	ND	9.5	1.1	U	
74-97-5	Bromochloromethane	ND	1.9	0.20	U	
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-03	Date Collected	: 08/09/19 08:40
Client ID	: SB-29 (19.5-20)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A17	Instrument ID	: VOA104
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.95	0.26	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.48	0.12	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.95	0.16	U	UJ
135-98-8	sec-Butylbenzene	ND	0.95	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.95	U	
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U	UJ
98-82-8	Isopropylbenzene	ND	0.95	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.95	0.10	U	
91-20-3	Naphthalene	ND	3.8	0.62	U	
107-13-1	Acrylonitrile	ND	3.8	1.1	U	
103-65-1	n-Propylbenzene	ND	0.95	0.16	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.18	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	76	33.	U	
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.36	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U	
60-29-7	Ethyl ether	ND	1.9	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-03	**Date Collected**	: 08/09/19 08:40
Client ID	: SB-29 (19.5-20)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/14/19 15:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V04190814A17	**Instrument ID**	: VOA104
Sample Amount	: 6.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 85
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.8	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-03	Date Collected	: 08/09/19 08:40
Client ID	: SB-29 (19.5-20)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A17	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.44	7.43	J
000141-78-6	Ethyl Acetate	4.85	34.8	NJ
	Unknown Alkane	10.99	2.36	J
	Total TIC Compounds		44.6J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-04	Date Collected	: 08/09/19 09:00
Client ID	: SB-30 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A18	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.8	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.97	0.14	U	
67-66-3	Chloroform	ND	1.4	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.97	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.97	0.12	U	
124-48-1	Dibromochloromethane	ND	0.97	0.14	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	0.97	0.26	U	
127-18-4	Tetrachloroethene	100	0.48	0.19		
108-90-7	Chlorobenzene	ND	0.48	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.67	U	UJ
107-06-2	1,2-Dichloroethane	ND	0.97	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U	
75-27-4	Bromodichloromethane	ND	0.48	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.48	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.48	0.15	U	
75-25-2	Bromoform	ND	3.9	0.24	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U	
71-43-2	Benzene	ND	0.48	0.16	U	
108-88-3	Toluene	0.54	0.97	0.53	J	
100-41-4	Ethylbenzene	ND	0.97	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.90	U	UJ
74-83-9	Bromomethane	ND	1.9	0.56	U	
75-01-4	Vinyl chloride	ND	0.97	0.32	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-04	Date Collected	: 08/09/19 09:00
Client ID	: SB-30 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A18	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.9	0.44	U	
75-35-4	1,1-Dichloroethene	ND	0.97	0.23	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U	
79-01-6	Trichloroethene	0.25	0.48	0.13	J	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	1.9	0.20	U	
179601-23-1	p/m-Xylene	ND	1.9	0.54	U	
95-47-6	o-Xylene	ND	0.97	0.28	U	
1330-20-7	Xylenes, Total	ND	0.97	0.28	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.17	U	
540-59-0	1,2-Dichloroethene, Total	ND	0.97	0.13	U	
74-95-3	Dibromomethane	ND	1.9	0.23	U	
100-42-5	Styrene	ND	0.97	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.7	0.89	U	
67-64-1	Acetone	18	9.7	4.7		
75-15-0	Carbon disulfide	ND	9.7	4.4	U	UJ
78-93-3	2-Butanone	ND	9.7	2.2	U	UJ
108-05-4	Vinyl acetate	ND	9.7	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.7	1.2	U	
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U	
591-78-6	2-Hexanone	ND	9.7	1.1	U	
74-97-5	Bromochloromethane	ND	1.9	0.20	U	
594-20-7	2,2-Dichloropropane	ND	1.9	0.20	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-04	Date Collected	: 08/09/19 09:00
Client ID	: SB-30 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A18	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.97	0.27	U
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.48	0.13	U
108-86-1	Bromobenzene	ND	1.9	0.14	U
104-51-8	n-Butylbenzene	ND	0.97	0.16	U UJ
135-98-8	sec-Butylbenzene	ND	0.97	0.14	U
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.97	U
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U UJ
98-82-8	Isopropylbenzene	ND	0.97	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.97	0.10	U
91-20-3	Naphthalene	ND	3.9	0.63	U
107-13-1	Acrylonitrile	ND	3.9	1.1	U
103-65-1	n-Propylbenzene	ND	0.97	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U
123-91-1	1,4-Dioxane	ND	78	34.	U
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U
622-96-8	p-Ethyltoluene	ND	1.9	0.37	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U
60-29-7	Ethyl ether	ND	1.9	0.33	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-04	Date Collected	: 08/09/19 09:00
Client ID	: SB-30 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A18	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.8	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-04	**Date Collected**	: 08/09/19 09:00
Client ID	: SB-30 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/14/19 16:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V04190814A18	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 98
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000079-20-9	Acetic acid, methyl ester	3.44	14.5	NJ
000141-78-6	Ethyl Acetate	4.85	16.4	NJ
	Total TIC Compounds		30.9J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A19	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.0	2.3	U	
75-34-3	1,1-Dichloroethane	ND	0.99	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.99	0.23	U	
78-87-5	1,2-Dichloropropane	ND	0.99	0.12	U	
124-48-1	Dibromochloromethane	ND	0.99	0.14	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	0.99	0.26	U	
127-18-4	Tetrachloroethene	370	0.50	0.19	E	R
108-90-7	Chlorobenzene	ND	0.50	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.0	0.69	U	UJ
107-06-2	1,2-Dichloroethane	ND	0.99	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U	
75-27-4	Bromodichloromethane	ND	0.50	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.99	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U	
75-25-2	Bromoform	ND	4.0	0.24	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U	
71-43-2	Benzene	ND	0.50	0.16	U	
108-88-3	Toluene	ND	0.99	0.54	U	
100-41-4	Ethylbenzene	ND	0.99	0.14	U	
74-87-3	Chloromethane	ND	4.0	0.93	U	UJ
74-83-9	Bromomethane	ND	2.0	0.58	U	
75-01-4	Vinyl chloride	ND	0.99	0.33	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A19	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.45	U	
75-35-4	1,1-Dichloroethene	ND	0.99	0.24	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	
79-01-6	Trichloroethene	1.1	0.50	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.56	U	
95-47-6	o-Xylene	ND	0.99	0.29	U	
1330-20-7	Xylenes, Total	ND	0.99	0.29	U	
156-59-2	cis-1,2-Dichloroethene	0.48	0.99	0.17	J	
540-59-0	1,2-Dichloroethene, Total	0.48	0.99	0.14	J	
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	0.99	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.9	0.91	U	
67-64-1	Acetone	17	9.9	4.8		
75-15-0	Carbon disulfide	ND	9.9	4.5	U	UJ
78-93-3	2-Butanone	ND	9.9	2.2	U	UJ
108-05-4	Vinyl acetate	ND	9.9	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.9	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	9.9	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A19	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.99	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.99	0.17	U	UJ
135-98-8	sec-Butylbenzene	ND	0.99	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.99	U	
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U	UJ
98-82-8	Isopropylbenzene	ND	0.99	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.99	0.11	U	
91-20-3	Naphthalene	ND	4.0	0.65	U	
107-13-1	Acrylonitrile	ND	4.0	1.1	U	
103-65-1	n-Propylbenzene	ND	0.99	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	80	35.	U	
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A19	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 17:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V23190814N05	Instrument ID	: VOA123
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	340	160	U	R
75-34-3	1,1-Dichloroethane	ND	69	10.	U	
67-66-3	Chloroform	ND	100	9.6	U	
56-23-5	Carbon tetrachloride	ND	69	16.	U	
78-87-5	1,2-Dichloropropane	ND	69	8.6	U	
124-48-1	Dibromochloromethane	ND	69	9.6	U	
79-00-5	1,1,2-Trichloroethane	ND	69	18.	U	
127-18-4	Tetrachloroethene	240	34	13.		
108-90-7	Chlorobenzene	ND	34	8.7	U	R
75-69-4	Trichlorofluoromethane	ND	280	48.	U	
107-06-2	1,2-Dichloroethane	ND	69	18.	U	
71-55-6	1,1,1-Trichloroethane	ND	34	11.	U	
75-27-4	Bromodichloromethane	ND	34	7.5	U	
10061-02-6	trans-1,3-Dichloropropene	ND	69	19.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	34	11.	U	
542-75-6	1,3-Dichloropropene, Total	ND	34	11.	U	
563-58-6	1,1-Dichloropropene	ND	34	11.	U	
75-25-2	Bromoform	ND	280	17.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	34	11.	U	
71-43-2	Benzene	ND	34	11.	U	
108-88-3	Toluene	ND	69	37.	U	
100-41-4	Ethylbenzene	ND	69	9.7	U	
74-87-3	Chloromethane	ND	280	64.	U	
74-83-9	Bromomethane	ND	140	40.	U	
75-01-4	Vinyl chloride	ND	69	23.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 17:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V23190814N05	Instrument ID	: VOA123
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	140	31.	U
75-35-4	1,1-Dichloroethene	ND	69	16.	U
156-60-5	trans-1,2-Dichloroethene	ND	100	9.4	U
79-01-6	Trichloroethene	ND	34	9.4	U
95-50-1	1,2-Dichlorobenzene	ND	140	9.9	U
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U
106-46-7	1,4-Dichlorobenzene	ND	140	12.	U
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	ND	140	38.	U
95-47-6	o-Xylene	ND	69	20.	U
1330-20-7	Xylenes, Total	ND	69	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	69	12.	U
540-59-0	1,2-Dichloroethene, Total	ND	69	9.4	U
74-95-3	Dibromomethane	ND	140	16.	U
100-42-5	Styrene	ND	69	13.	U
75-71-8	Dichlorodifluoromethane	ND	690	63.	U
67-64-1	Acetone	ND	690	330	U
75-15-0	Carbon disulfide	ND	690	310	U
78-93-3	2-Butanone	ND	690	150	U
108-05-4	Vinyl acetate	ND	690	150	U
108-10-1	4-Methyl-2-pentanone	ND	690	88.	U
96-18-4	1,2,3-Trichloropropane	ND	140	8.7	U
591-78-6	2-Hexanone	ND	690	81.	U
74-97-5	Bromochloromethane	ND	140	14.	U
594-20-7	2,2-Dichloropropane	ND	140	14.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 17:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V23190814N05	Instrument ID	: VOA123
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	69	19.	U	R
142-28-9	1,3-Dichloropropane	ND	140	11.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	34	9.1	U	
108-86-1	Bromobenzene	ND	140	10.	U	
104-51-8	n-Butylbenzene	ND	69	11.	U	
135-98-8	sec-Butylbenzene	ND	69	10.	U	
98-06-6	tert-Butylbenzene	ND	140	8.1	U	
95-49-8	o-Chlorotoluene	ND	140	13.	U	
106-43-4	p-Chlorotoluene	ND	140	7.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	69.	U	
87-68-3	Hexachlorobutadiene	ND	280	12.	U	
98-82-8	Isopropylbenzene	ND	69	7.5	U	
99-87-6	p-Isopropyltoluene	ND	69	7.5	U	
91-20-3	Naphthalene	ND	280	45.	U	
107-13-1	Acrylonitrile	ND	280	79.	U	
103-65-1	n-Propylbenzene	ND	69	12.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	140	22.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	140	13.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	140	23.	U	
123-91-1	1,4-Dioxane	ND	5500	2400	U	
105-05-5	p-Diethylbenzene	ND	140	12.	U	
622-96-8	p-Ethyltoluene	ND	140	26.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	140	13.	U	
60-29-7	Ethyl ether	ND	140	23.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 17:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V23190814N05	Instrument ID	: VOA123
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	340	98.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 17:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V23190814N05	Instrument ID	: VOA123
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	7.88	182	NJ
	Total TIC Compounds		182J	J

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 16:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V04190814A19	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
000079-20-9	Acetic acid, methyl ester	3.44	8.4	NJ	R
	Total TIC Compounds		8.40J	J	R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-06	Date Collected	: 08/09/19 10:00
Client ID	: SB-30 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V11190814A25	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.8	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.96	0.14	U
67-66-3	Chloroform	0.17	1.4	0.13	J
56-23-5	Carbon tetrachloride	ND	0.96	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.96	0.12	U
124-48-1	Dibromochloromethane	ND	0.96	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.96	0.26	U
127-18-4	Tetrachloroethene	110	0.48	0.19	
108-90-7	Chlorobenzene	ND	0.48	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.8	0.67	U
107-06-2	1,2-Dichloroethane	ND	0.96	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U
75-27-4	Bromodichloromethane	ND	0.48	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	0.48	0.15	U
563-58-6	1,1-Dichloropropene	ND	0.48	0.15	U
75-25-2	Bromoform	ND	3.8	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U
71-43-2	Benzene	ND	0.48	0.16	U
108-88-3	Toluene	0.95	0.96	0.52	J
100-41-4	Ethylbenzene	ND	0.96	0.14	U
74-87-3	Chloromethane	ND	3.8	0.90	U
74-83-9	Bromomethane	ND	1.9	0.56	U
75-01-4	Vinyl chloride	ND	0.96	0.32	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-06	Date Collected	: 08/09/19 10:00
Client ID	: SB-30 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V11190814A25	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.9	0.44	U	
75-35-4	1,1-Dichloroethene	ND	0.96	0.23	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U	
79-01-6	Trichloroethene	1.5	0.48	0.13		
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U	
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U	
179601-23-1	p/m-Xylene	ND	1.9	0.54	U	
95-47-6	o-Xylene	ND	0.96	0.28	U	
1330-20-7	Xylenes, Total	ND	0.96	0.28	U	
156-59-2	cis-1,2-Dichloroethene	1.4	0.96	0.17		
540-59-0	1,2-Dichloroethene, Total	1.4	0.96	0.13		
74-95-3	Dibromomethane	ND	1.9	0.23	U	UJ
100-42-5	Styrene	ND	0.96	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.6	0.88	U	
67-64-1	Acetone	7.6	9.6	4.6	J	J
75-15-0	Carbon disulfide	ND	9.6	4.4	U	
78-93-3	2-Butanone	ND	9.6	2.1	U	
108-05-4	Vinyl acetate	ND	9.6	2.1	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	9.6	1.2	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U	
591-78-6	2-Hexanone	ND	9.6	1.1	U	UJ
74-97-5	Bromochloromethane	ND	1.9	0.20	U	
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-06	Date Collected	: 08/09/19 10:00
Client ID	: SB-30 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V11190814A25	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.96	0.27	U	UJ
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.48	0.13	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.96	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.96	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.96	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U	
98-82-8	Isopropylbenzene	ND	0.96	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.96	0.10	U	
91-20-3	Naphthalene	ND	3.8	0.63	U	
107-13-1	Acrylonitrile	ND	3.8	1.1	U	UJ
103-65-1	n-Propylbenzene	ND	0.96	0.16	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	77	34.	U	UJ
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.37	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U	
60-29-7	Ethyl ether	ND	1.9	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-06	Date Collected	: 08/09/19 10:00
Client ID	: SB-30 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V11190814A25	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.8	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-06	Date Collected	: 08/09/19 10:00
Client ID	: SB-30 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V11190814A25	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 83
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkene	1.66	2.12	J
	Unknown	3.25	8.51	J
000141-78-6	Ethyl Acetate	4.63	9.41	NJ
	Total TIC Compounds		20.0J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A06	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.4	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U	
78-87-5	1,2-Dichloropropane	ND	1.1	0.13	U	
124-48-1	Dibromochloromethane	ND	1.1	0.15	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U	
127-18-4	Tetrachloroethene	1200	0.54	0.21	E	R
108-90-7	Chlorobenzene	ND	0.54	0.14	U	
75-69-4	Trichlorofluoromethane	ND	4.3	0.75	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U	
71-55-6	1,1,1-Trichloroethane	ND	0.54	0.18	U	
75-27-4	Bromodichloromethane	ND	0.54	0.12	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.29	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.54	0.17	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.54	0.17	U	
563-58-6	1,1-Dichloropropene	ND	0.54	0.17	U	
75-25-2	Bromoform	ND	4.3	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.54	0.18	U	
71-43-2	Benzene	ND	0.54	0.18	U	
108-88-3	Toluene	ND	1.1	0.58	U	
100-41-4	Ethylbenzene	ND	1.1	0.15	U	
74-87-3	Chloromethane	ND	4.3	1.0	U	
74-83-9	Bromomethane	ND	2.1	0.62	U	
75-01-4	Vinyl chloride	ND	1.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A06	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	2.3	0.54	0.15	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.22	U
179601-23-1	p/m-Xylene	ND	2.1	0.60	U
95-47-6	o-Xylene	ND	1.1	0.31	U
1330-20-7	Xylenes, Total	ND	1.1	0.31	U
156-59-2	cis-1,2-Dichloroethene	1.7	1.1	0.19	
540-59-0	1,2-Dichloroethene, Total	1.7	1.1	0.15	
74-95-3	Dibromomethane	ND	2.1	0.26	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	0.98	U
67-64-1	Acetone	12	11	5.2	
75-15-0	Carbon disulfide	ND	11	4.9	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.1	0.22	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A06	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.54	0.14	U
108-86-1	Bromobenzene	ND	2.1	0.16	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.1	0.13	U
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U
106-43-4	p-Chlorotoluene	ND	2.1	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.3	0.18	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.3	0.70	U
107-13-1	Acrylonitrile	ND	4.3	1.2	U
103-65-1	n-Propylbenzene	ND	1.1	0.18	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.36	U
123-91-1	1,4-Dioxane	ND	86	38.	U
105-05-5	p-Diethylbenzene	ND	2.1	0.19	U
622-96-8	p-Ethyltoluene	ND	2.1	0.41	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U
60-29-7	Ethyl ether	ND	2.1	0.37	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A06	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.4	1.5	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 11:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190814A09	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	310	140	U	R
75-34-3	1,1-Dichloroethane	ND	62	9.0	U	
67-66-3	Chloroform	ND	94	8.7	U	
56-23-5	Carbon tetrachloride	ND	62	14.	U	
78-87-5	1,2-Dichloropropane	ND	62	7.8	U	
124-48-1	Dibromochloromethane	ND	62	8.7	U	
79-00-5	1,1,2-Trichloroethane	ND	62	17.	U	
127-18-4	Tetrachloroethene	1700	31	12.		
108-90-7	Chlorobenzene	ND	31	7.9	U	R
75-69-4	Trichlorofluoromethane	ND	250	43.	U	
107-06-2	1,2-Dichloroethane	ND	62	16.	U	
71-55-6	1,1,1-Trichloroethane	ND	31	10.	U	
75-27-4	Bromodichloromethane	ND	31	6.8	U	
10061-02-6	trans-1,3-Dichloropropene	ND	62	17.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	31	9.8	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.54	0.17	U	
563-58-6	1,1-Dichloropropene	ND	31	9.9	U	
75-25-2	Bromoform	ND	250	15.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	31	10.	U	
71-43-2	Benzene	ND	31	10.	U	
108-88-3	Toluene	ND	62	34.	U	
100-41-4	Ethylbenzene	ND	62	8.8	U	
74-87-3	Chloromethane	ND	250	58.	U	
74-83-9	Bromomethane	ND	120	36.	U	
75-01-4	Vinyl chloride	ND	62	21.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 11:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190814A09	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	120	28.	U	R
75-35-4	1,1-Dichloroethene	ND	62	15.	U	
156-60-5	trans-1,2-Dichloroethene	ND	94	8.5	U	
79-01-6	Trichloroethene	ND	31	8.5	U	
95-50-1	1,2-Dichlorobenzene	ND	120	9.0	U	
541-73-1	1,3-Dichlorobenzene	ND	120	9.2	U	
106-46-7	1,4-Dichlorobenzene	ND	120	11.	U	
1634-04-4	Methyl tert butyl ether	ND	120	12.	U	
179601-23-1	p/m-Xylene	ND	120	35.	U	
95-47-6	o-Xylene	ND	62	18.	U	
1330-20-7	Xylenes, Total	ND	1.1	0.31	U	
156-59-2	cis-1,2-Dichloroethene	ND	62	11.	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.15	U	
74-95-3	Dibromomethane	ND	120	15.	U	
100-42-5	Styrene	ND	62	12.	U	
75-71-8	Dichlorodifluoromethane	ND	620	57.	U	
67-64-1	Acetone	ND	620	300	U	
75-15-0	Carbon disulfide	ND	620	280	U	
78-93-3	2-Butanone	ND	620	140	U	
108-05-4	Vinyl acetate	ND	620	130	U	
108-10-1	4-Methyl-2-pentanone	ND	620	80.	U	
96-18-4	1,2,3-Trichloropropane	ND	120	7.9	U	
591-78-6	2-Hexanone	ND	620	74.	U	
74-97-5	Bromochloromethane	ND	120	13.	U	
594-20-7	2,2-Dichloropropane	ND	120	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 11:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190814A09	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	62	17.	U
142-28-9	1,3-Dichloropropane	ND	120	10.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	31	8.2	U
108-86-1	Bromobenzene	ND	120	9.0	U
104-51-8	n-Butylbenzene	ND	62	10.	U
135-98-8	sec-Butylbenzene	ND	62	9.1	U
98-06-6	tert-Butylbenzene	ND	120	7.4	U
95-49-8	o-Chlorotoluene	ND	120	12.	U
106-43-4	p-Chlorotoluene	ND	120	6.7	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	62.	U
87-68-3	Hexachlorobutadiene	ND	250	10.	U
98-82-8	Isopropylbenzene	ND	62	6.8	U
99-87-6	p-Isopropyltoluene	ND	62	6.8	U
91-20-3	Naphthalene	45	250	40.	J
107-13-1	Acrylonitrile	ND	250	72.	U
103-65-1	n-Propylbenzene	ND	62	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	17.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	12.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	21.	U
123-91-1	1,4-Dioxane	ND	5000	2200	U
105-05-5	p-Diethylbenzene	ND	120	11.	U
622-96-8	p-Ethyltoluene	ND	120	24.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	120	12.	U
60-29-7	Ethyl ether	ND	120	21.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 11:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190814A09	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	310	88.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 11:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190814A09	Instrument ID	: VOA100
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A06	Instrument ID	: VOA100
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A07	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.4	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U	
78-87-5	1,2-Dichloropropane	ND	1.1	0.13	U	
124-48-1	Dibromochloromethane	ND	1.1	0.15	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U	
127-18-4	Tetrachloroethene	470	0.54	0.21	E	R
108-90-7	Chlorobenzene	ND	0.54	0.14	U	
75-69-4	Trichlorofluoromethane	ND	4.3	0.74	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U	
71-55-6	1,1,1-Trichloroethane	ND	0.54	0.18	U	
75-27-4	Bromodichloromethane	ND	0.54	0.12	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.29	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.54	0.17	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.54	0.17	U	
563-58-6	1,1-Dichloropropene	ND	0.54	0.17	U	
75-25-2	Bromoform	ND	4.3	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.54	0.18	U	
71-43-2	Benzene	ND	0.54	0.18	U	
108-88-3	Toluene	ND	1.1	0.58	U	
100-41-4	Ethylbenzene	ND	1.1	0.15	U	
74-87-3	Chloromethane	ND	4.3	1.0	U	
74-83-9	Bromomethane	ND	2.1	0.62	U	
75-01-4	Vinyl chloride	ND	1.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A07	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	0.70	0.54	0.15	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.22	U
179601-23-1	p/m-Xylene	ND	2.1	0.60	U
95-47-6	o-Xylene	ND	1.1	0.31	U
1330-20-7	Xylenes, Total	ND	1.1	0.31	U
156-59-2	cis-1,2-Dichloroethene	0.55	1.1	0.19	J
540-59-0	1,2-Dichloroethene, Total	0.55	1.1	0.15	J
74-95-3	Dibromomethane	ND	2.1	0.26	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	0.98	U
67-64-1	Acetone	7.9	11	5.2	J
75-15-0	Carbon disulfide	ND	11	4.9	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.1	0.22	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A07	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.54	0.14	U
108-86-1	Bromobenzene	ND	2.1	0.16	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.1	0.13	U
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U
106-43-4	p-Chlorotoluene	ND	2.1	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.3	0.18	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.3	0.70	U
107-13-1	Acrylonitrile	ND	4.3	1.2	U
103-65-1	n-Propylbenzene	ND	1.1	0.18	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.36	U
123-91-1	1,4-Dioxane	ND	86	38.	U
105-05-5	p-Diethylbenzene	ND	2.1	0.19	U
622-96-8	p-Ethyltoluene	ND	2.1	0.41	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U
60-29-7	Ethyl ether	ND	2.1	0.36	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A07	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.4	1.5	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A11	Instrument ID	: VOA100
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	320	140	U	R
75-34-3	1,1-Dichloroethane	ND	63	9.2	U	
67-66-3	Chloroform	ND	95	8.8	U	
56-23-5	Carbon tetrachloride	ND	63	14.	U	
78-87-5	1,2-Dichloropropane	ND	63	7.9	U	
124-48-1	Dibromochloromethane	ND	63	8.8	U	
79-00-5	1,1,2-Trichloroethane	ND	63	17.	U	
127-18-4	Tetrachloroethene	920	32	12.		
108-90-7	Chlorobenzene	ND	32	8.0	U	R
75-69-4	Trichlorofluoromethane	ND	250	44.	U	
107-06-2	1,2-Dichloroethane	ND	63	16.	U	
71-55-6	1,1,1-Trichloroethane	ND	32	10.	U	
75-27-4	Bromodichloromethane	ND	32	6.9	U	
10061-02-6	trans-1,3-Dichloropropene	ND	63	17.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	32	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.54	0.17	U	
563-58-6	1,1-Dichloropropene	ND	32	10.	U	
75-25-2	Bromoform	ND	250	16.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	32	10.	U	
71-43-2	Benzene	ND	32	10.	U	
108-88-3	Toluene	ND	63	34.	U	
100-41-4	Ethylbenzene	10	63	8.9	J	
74-87-3	Chloromethane	ND	250	59.	U	
74-83-9	Bromomethane	ND	130	37.	U	
75-01-4	Vinyl chloride	ND	63	21.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A11	Instrument ID	: VOA100
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	28.	U	R
75-35-4	1,1-Dichloroethene	ND	63	15.	U	
156-60-5	trans-1,2-Dichloroethene	ND	95	8.6	U	
79-01-6	Trichloroethene	ND	32	8.6	U	
95-50-1	1,2-Dichlorobenzene	ND	130	9.1	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.3	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	35.	U	
95-47-6	o-Xylene	ND	63	18.	U	
1330-20-7	Xylenes, Total	ND	1.1	0.31	U	
156-59-2	cis-1,2-Dichloroethene	ND	63	11.	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.15	U	
74-95-3	Dibromomethane	ND	130	15.	U	
100-42-5	Styrene	ND	63	12.	U	
75-71-8	Dichlorodifluoromethane	ND	630	58.	U	
67-64-1	Acetone	ND	630	300	U	
75-15-0	Carbon disulfide	ND	630	290	U	
78-93-3	2-Butanone	ND	630	140	U	
108-05-4	Vinyl acetate	ND	630	140	U	
108-10-1	4-Methyl-2-pentanone	ND	630	81.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.0	U	
591-78-6	2-Hexanone	ND	630	74.	U	
74-97-5	Bromochloromethane	ND	130	13.	U	
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A11	Instrument ID	: VOA100
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	63	18.	U
142-28-9	1,3-Dichloropropane	ND	130	10.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	32	8.3	U
108-86-1	Bromobenzene	ND	130	9.2	U
104-51-8	n-Butylbenzene	ND	63	10.	U
135-98-8	sec-Butylbenzene	ND	63	9.2	U
98-06-6	tert-Butylbenzene	ND	130	7.4	U
95-49-8	o-Chlorotoluene	ND	130	12.	U
106-43-4	p-Chlorotoluene	ND	130	6.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	63.	U
87-68-3	Hexachlorobutadiene	ND	250	11.	U
98-82-8	Isopropylbenzene	ND	63	6.9	U
99-87-6	p-Isopropyltoluene	ND	63	6.9	U
91-20-3	Naphthalene	260	250	41.	
107-13-1	Acrylonitrile	ND	250	73.	U
103-65-1	n-Propylbenzene	ND	63	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	130	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	130	17.	U
108-67-8	1,3,5-Trimethylbenzene	ND	130	12.	U
95-63-6	1,2,4-Trimethylbenzene	ND	130	21.	U
123-91-1	1,4-Dioxane	ND	5000	2200	U
105-05-5	p-Diethylbenzene	ND	130	11.	U
622-96-8	p-Ethyltoluene	ND	130	24.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	12.	U
60-29-7	Ethyl ether	ND	130	22.	U

R

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A11	Instrument ID	: VOA100
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	320	90.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-08	**Date Collected**	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/14/19 12:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V00190814A11	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 92
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	2.58	151	J	R
	Total TIC Compounds		151J	J	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-08	**Date Collected**	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 14:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V00190813A07	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 92
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-09	Date Collected	: 08/09/19 11:40
Client ID	: SB-31 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A08	Instrument ID	: VOA100
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.2	1.9	U	
75-34-3	1,1-Dichloroethane	ND	0.85	0.12	U	
67-66-3	Chloroform	ND	1.3	0.12	U	
56-23-5	Carbon tetrachloride	ND	0.85	0.20	U	
78-87-5	1,2-Dichloropropane	ND	0.85	0.11	U	
124-48-1	Dibromochloromethane	ND	0.85	0.12	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	0.85	0.23	U	
127-18-4	Tetrachloroethene	160	0.42	0.17		
108-90-7	Chlorobenzene	ND	0.42	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.4	0.59	U	UJ
107-06-2	1,2-Dichloroethane	ND	0.85	0.22	U	
71-55-6	1,1,1-Trichloroethane	ND	0.42	0.14	U	
75-27-4	Bromodichloromethane	ND	0.42	0.09	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.85	0.23	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.42	0.13	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.42	0.13	U	
563-58-6	1,1-Dichloropropene	ND	0.42	0.13	U	
75-25-2	Bromoform	ND	3.4	0.21	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.42	0.14	U	
71-43-2	Benzene	ND	0.42	0.14	U	
108-88-3	Toluene	ND	0.85	0.46	U	
100-41-4	Ethylbenzene	ND	0.85	0.12	U	
74-87-3	Chloromethane	ND	3.4	0.79	U	
74-83-9	Bromomethane	ND	1.7	0.49	U	
75-01-4	Vinyl chloride	ND	0.85	0.28	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-09	Date Collected	: 08/09/19 11:40
Client ID	: SB-31 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A08	Instrument ID	: VOA100
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.7	0.38	U
75-35-4	1,1-Dichloroethene	ND	0.85	0.20	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	2.0	0.42	0.12	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.48	U
95-47-6	o-Xylene	ND	0.85	0.25	U
1330-20-7	Xylenes, Total	ND	0.85	0.25	U
156-59-2	cis-1,2-Dichloroethene	2.9	0.85	0.15	
540-59-0	1,2-Dichloroethene, Total	2.9	0.85	0.12	
74-95-3	Dibromomethane	ND	1.7	0.20	U
100-42-5	Styrene	ND	0.85	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.5	0.78	U
67-64-1	Acetone	4.4	8.5	4.1	J
75-15-0	Carbon disulfide	ND	8.5	3.9	U
78-93-3	2-Butanone	ND	8.5	1.9	U
108-05-4	Vinyl acetate	ND	8.5	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.5	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.7	0.11	U
591-78-6	2-Hexanone	ND	8.5	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.17	U
594-20-7	2,2-Dichloropropane	ND	1.7	0.17	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-09	Date Collected	: 08/09/19 11:40
Client ID	: SB-31 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V00190813A08	Instrument ID	: VOA100
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.85	0.24	U
142-28-9	1,3-Dichloropropane	ND	1.7	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.42	0.11	U
108-86-1	Bromobenzene	ND	1.7	0.12	U
104-51-8	n-Butylbenzene	ND	0.85	0.14	U
135-98-8	sec-Butylbenzene	ND	0.85	0.12	U
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U
95-49-8	o-Chlorotoluene	ND	1.7	0.16	U
106-43-4	p-Chlorotoluene	ND	1.7	0.09	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.85	U
87-68-3	Hexachlorobutadiene	ND	3.4	0.14	U
98-82-8	Isopropylbenzene	ND	0.85	0.09	U
99-87-6	p-Isopropyltoluene	ND	0.85	0.09	U
91-20-3	Naphthalene	ND	3.4	0.55	U
107-13-1	Acrylonitrile	ND	3.4	0.98	U
103-65-1	n-Propylbenzene	ND	0.85	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.27	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.23	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.28	U
123-91-1	1,4-Dioxane	ND	68	30.	U
105-05-5	p-Diethylbenzene	ND	1.7	0.15	U
622-96-8	p-Ethyltoluene	ND	1.7	0.32	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.7	0.16	U
60-29-7	Ethyl ether	ND	1.7	0.29	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-09	**Date Collected**	: 08/09/19 11:40
Client ID	: SB-31 (19-19.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 14:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V00190813A08	**Instrument ID**	: VOA100
Sample Amount	: 6.7 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 88
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.2	1.2	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935993
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935993-09	**Date Collected**	: 08/09/19 11:40
Client ID	: SB-31 (19-19.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 14:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V00190813A08	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 88
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.96	5.36	J
000141-78-6	Ethyl Acetate	5.46	9.09	NJ
	Total TIC Compounds		14.5J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-10	Date Collected	: 07/07/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A25	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-10	Date Collected	: 07/07/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A25	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-10	Date Collected	: 07/07/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A25	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-10	Date Collected	: 07/07/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A25	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-10	Date Collected	: 07/07/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: V16190812A25	Instrument ID	: VOA116
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-02	Date Collected	: 08/09/19 08:00
Client ID	: SB-29 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	96.0	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-03	Date Collected	: 08/09/19 08:40
Client ID	: SB-29 (19.5-20)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 85
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	84.9	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-04	Date Collected	: 08/09/19 09:00
Client ID	: SB-30 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 98
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	97.9	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-05	Date Collected	: 08/09/19 09:30
Client ID	: SB-30 (9-9.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	95.2	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-06	Date Collected	: 08/09/19 10:00
Client ID	: SB-30 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	82.6	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-07	Date Collected	: 08/09/19 10:50
Client ID	: SB-31 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	95.2	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-08	Date Collected	: 08/09/19 11:00
Client ID	: SB-31 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	92.1	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935993-09	Date Collected	: 08/09/19 11:40
Client ID	: SB-31 (19-19.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	87.7	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935993
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1270921-1	Date Collected	: 08/08/19 10:30
Client ID	: WG1270921-1 DUP	Date Received	: 08/08/19
Sample Location	:	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 87
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	85.9	0.100	NA	

DLM 9/20/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1935993-05, -07, and -08 were analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

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: Michelle M. Morris Report Date: 08/14/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 1

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha L1935993

RECEIVED DATE: 8/10/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie De lafuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental.com

Project Information

Project Name: 31st Drive
Street: 11-35 31st Drive
City: Queens **State:** **Zip:**
Project #: 11545
Sampler's Name: Leif Robertson
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL VOC's + TICs					Matrix Codes
	1 Field Blank - EQ12	11845	L	—	8/9	700	3		X	X									X					
	2 SB-29 (0-2)		S	G		800	4		X		X								X					
	3 SB-29 (19.5-20)					840	4		X		X								X					
	4 SB-30 (0-2)					900	4		X		X								X					
	5 SB-30 (9-9.5)					930	4		X		X								X					
	6 SB-30 (19-19.5)					1000	4		X		X								X					
	7 SB-31 (0-2)					1050	4		X		X								X					
	8 SB-31 (8-8.5)					1100	4		X		X								X					
	9 SB-31 (19-19.5)					1140	4		X		X								X					
	10 Trip Blank		L	—	—	-	2		X		-								X					

Matrix Codes: L - Liquid; S - Soil; A - Air; OL - Oil; W - Wipe; PC - Paint Chips; SL - Sludge; SD - Solid; DW- Drinking Water; DISS - Dissolved

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

Standard Service (LAB USE ONLY)

- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

TAT Approved By / Date:

Rush Service

- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☒ Other Cat B
- ☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		8/9/19 4:32pm	1	2	8/9/19 21:2	2
3	Relinquished By:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By: 8/10/19 03:15
		3	3	4	4	4
5	Relinquished by:	Date / Time:	Received By:	COOLER INFORMATION		
		5	5	Cooler Temp:	pH:	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL SAMPLES

Organics

SDG No L1935983

Sampling Date: August 8, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Site: 31st Drive

SDG #: L1935983

Client: Impact Environmental

Date: September 23, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs
FIELD BLANK-EQ-11	L1935983-01	Aqueous	X
SB-25 (0-2)	L1935983-02	Soil	X
SB-25 (7-7.5)	L1935983-03	Soil	X
SB-25 (15-15.5)	L1935983-04	Soil	X
SB-26 (0-2)	L1935983-05	Soil	X
SB-26 (7-7.5)	L1935983-06	Soil	X
SB-26 (15-15.5)	L1935983-07	Soil	X
SB-27 (0-2)	L1935983-08	Soil	X
SB-27 (13.5-14)	L1935983-09	Soil	X
SB-28 (0-2)	L1935983-10	Soil	X
SB-28 (8-8.5)	L1935983-11	Soil	X
SB-28 (23-23.5)	L1935983-12	Soil	X
TRIP BLANK	L1935983-13	Aqueous	X

The data packages contained eleven (11) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Q
L1935983-06, L1935983-12	Naphthlane	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1935983-02, L1935983-03, L1935983-04, L1935983-05, L1935983-07, L1935983-08, L1935983-09, L1935983-10	Bromomethane, Ethyl ether	UJ
L1935983-06, L1935983-11, L1935983-12	Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Trichlorofluoromethane, Carbon Disulfide, 2-Butanone, n-Butylbenzene, Hexachlorobutadiene	UJ
L1935983-02, L1935983-03, L1935983-04, L1935983-05, L1935983-07, L1935983-08, L1935983-09	1,4-Dioxane	R

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD): All results were acceptable.

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene results for L1935983-05, L1935983-07, L1935983-08, L1935983-09, and L1935983-10 should be considered rejected (R) due to exceeding the calibration range in the low level analysis. The tetrachloroethene results for L1935983-05, L1935983-07, L1935983-08, L1935983-09, and L1935983-10 should be used in the high level analyses; while all other results from the high level analyses are rejected (R). All tentatively identified compounds (TICs) are considered “tentatively identified” and are estimated (NJ, J).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-01	Date Collected	: 08/08/19 06:45
Client ID	: FIELD BLANK-EQ-11	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 14:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A22	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-01	Date Collected	: 08/08/19 06:45
Client ID	: FIELD BLANK-EQ-11	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 14:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A22	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-01	Date Collected	: 08/08/19 06:45
Client ID	: FIELD BLANK-EQ-11	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 14:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A22	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-01	Date Collected	: 08/08/19 06:45
Client ID	: FIELD BLANK-EQ-11	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 14:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A22	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-01	Date Collected	: 08/08/19 06:45
Client ID	: FIELD BLANK-EQ-11	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 14:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A22	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
001066-40-6	Silanol, trimethyl-	5.25	3.41	NJ
	Total TIC Compounds		3.41J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-02	Date Collected	: 08/08/19 07:00
Client ID	: SB-25 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D09	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	82	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.56	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.96	U	
74-83-9	Bromomethane	ND	2.0	0.60	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-02	Date Collected	: 08/08/19 07:00
Client ID	: SB-25 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D09	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.21	U
179601-23-1	p/m-Xylene	ND	2.0	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	16	10	4.9	
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.21	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-02	Date Collected	: 08/08/19 07:00
Client ID	: SB-25 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D09	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.14	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.67	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	82	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.20	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-02	Date Collected	: 08/08/19 07:00
Client ID	: SB-25 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D09	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-02	**Date Collected**	: 08/08/19 07:00
Client ID	: SB-25 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/13/19 15:00
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V17190813D09	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 92
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000079-20-9	Acetic acid, methyl ester	3.81	5.66	NJ
000141-78-6	Ethyl Acetate	5.28	5.7	NJ
	Total TIC Compounds		11.4J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-03	Date Collected	: 08/08/19 07:11
Client ID	: SB-25 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.8	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.95	0.14	U	
67-66-3	Chloroform	ND	1.4	0.13	U	
56-23-5	Carbon tetrachloride	ND	0.95	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.95	0.12	U	
124-48-1	Dibromochloromethane	ND	0.95	0.13	U	
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.25	U	
127-18-4	Tetrachloroethene	120	0.48	0.19		
108-90-7	Chlorobenzene	ND	0.48	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U	
107-06-2	1,2-Dichloroethane	ND	0.95	0.24	U	
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U	
75-27-4	Bromodichloromethane	ND	0.48	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.95	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.48	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.48	0.15	U	
75-25-2	Bromoform	ND	3.8	0.23	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U	
71-43-2	Benzene	ND	0.48	0.16	U	
108-88-3	Toluene	ND	0.95	0.52	U	
100-41-4	Ethylbenzene	ND	0.95	0.13	U	
74-87-3	Chloromethane	ND	3.8	0.89	U	
74-83-9	Bromomethane	ND	1.9	0.55	U	UJ
75-01-4	Vinyl chloride	ND	0.95	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-03	Date Collected	: 08/08/19 07:11
Client ID	: SB-25 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.43	U
75-35-4	1,1-Dichloroethene	ND	0.95	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.48	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.53	U
95-47-6	o-Xylene	ND	0.95	0.28	U
1330-20-7	Xylenes, Total	ND	0.95	0.28	U
156-59-2	cis-1,2-Dichloroethene	ND	0.95	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.95	0.13	U
74-95-3	Dibromomethane	ND	1.9	0.23	U
100-42-5	Styrene	ND	0.95	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.5	0.87	U
67-64-1	Acetone	9.0	9.5	4.6	J
75-15-0	Carbon disulfide	ND	9.5	4.3	U
78-93-3	2-Butanone	ND	9.5	2.1	U
108-05-4	Vinyl acetate	ND	9.5	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.5	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.5	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-03	Date Collected	: 08/08/19 07:11
Client ID	: SB-25 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.95	0.26	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.48	0.12	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.95	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.95	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.95	U	
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U	
98-82-8	Isopropylbenzene	ND	0.95	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.95	0.10	U	
91-20-3	Naphthalene	ND	3.8	0.62	U	
107-13-1	Acrylonitrile	ND	3.8	1.1	U	
103-65-1	n-Propylbenzene	ND	0.95	0.16	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.18	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	76	33.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.36	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U	
60-29-7	Ethyl ether	ND	1.9	0.32	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-03	Date Collected	: 08/08/19 07:11
Client ID	: SB-25 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.8	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-03	Date Collected	: 08/08/19 07:11
Client ID	: SB-25 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D10	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 94
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000079-20-9	Acetic acid, methyl ester	3.82	7.57	NJ
000141-78-6	Ethyl Acetate	5.28	5.37	NJ
	Total TIC Compounds		12.9J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-04	Date Collected	: 08/08/19 07:55
Client ID	: SB-25 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D11	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	160	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-04	Date Collected	: 08/08/19 07:55
Client ID	: SB-25 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D11	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	0.22	1.5	0.14	J
79-01-6	Trichloroethene	12	0.51	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	84	1.0	0.18	
540-59-0	1,2-Dichloroethene, Total	84	1.0	0.14	J
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U
67-64-1	Acetone	18	10	4.9	
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.3	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.21	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-04	Date Collected	: 08/08/19 07:55
Client ID	: SB-25 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D11	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	82	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-04	Date Collected	: 08/08/19 07:55
Client ID	: SB-25 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D11	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-04	Date Collected	: 08/08/19 07:55
Client ID	: SB-25 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 15:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D11	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 83
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 17:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D14	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.4	2.0	U	
75-34-3	1,1-Dichloroethane	ND	0.88	0.13	U	
67-66-3	Chloroform	ND	1.3	0.12	U	
56-23-5	Carbon tetrachloride	ND	0.88	0.20	U	
78-87-5	1,2-Dichloropropane	ND	0.88	0.11	U	
124-48-1	Dibromochloromethane	ND	0.88	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.88	0.24	U	
127-18-4	Tetrachloroethene	1900	0.44	0.17	E	R
108-90-7	Chlorobenzene	ND	0.44	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U	
107-06-2	1,2-Dichloroethane	ND	0.88	0.23	U	
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U	
75-27-4	Bromodichloromethane	ND	0.44	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.88	0.24	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U	
563-58-6	1,1-Dichloropropene	ND	0.44	0.14	U	
75-25-2	Bromoform	ND	3.5	0.22	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U	
71-43-2	Benzene	ND	0.44	0.15	U	
108-88-3	Toluene	ND	0.88	0.48	U	
100-41-4	Ethylbenzene	ND	0.88	0.12	U	
74-87-3	Chloromethane	ND	3.5	0.82	U	
74-83-9	Bromomethane	ND	1.8	0.51	U	UJ
75-01-4	Vinyl chloride	ND	0.88	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 17:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D14	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.8	0.40	U
75-35-4	1,1-Dichloroethene	ND	0.88	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	3.5	0.44	0.12	
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.49	U
95-47-6	o-Xylene	ND	0.88	0.26	U
1330-20-7	Xylenes, Total	ND	0.88	0.26	U
156-59-2	cis-1,2-Dichloroethene	0.74	0.88	0.15	J
540-59-0	1,2-Dichloroethene, Total	0.74	0.88	0.12	J
74-95-3	Dibromomethane	ND	1.8	0.21	U
100-42-5	Styrene	ND	0.88	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.8	0.81	U
67-64-1	Acetone	19	8.8	4.2	
75-15-0	Carbon disulfide	ND	8.8	4.0	U
78-93-3	2-Butanone	ND	8.8	2.0	U
108-05-4	Vinyl acetate	ND	8.8	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.8	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U
591-78-6	2-Hexanone	ND	8.8	1.0	U
74-97-5	Bromochloromethane	ND	1.8	0.18	U
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 17:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D14	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.88	0.25	U
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	0.23	0.44	0.12	J
108-86-1	Bromobenzene	ND	1.8	0.13	U
104-51-8	n-Butylbenzene	ND	0.88	0.15	U
135-98-8	sec-Butylbenzene	ND	0.88	0.13	U
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.88	U
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.88	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.88	0.10	U
91-20-3	Naphthalene	ND	3.5	0.57	U
107-13-1	Acrylonitrile	ND	3.5	1.0	U
103-65-1	n-Propylbenzene	ND	0.88	0.15	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.28	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.30	U
123-91-1	1,4-Dioxane	ND	71	31.	U R
105-05-5	p-Diethylbenzene	ND	1.8	0.16	U
622-96-8	p-Ethyltoluene	ND	1.8	0.34	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.8	0.17	U
60-29-7	Ethyl ether	ND	1.8	0.30	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 17:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D14	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.4	1.2	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A09	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	250	120	U	R
75-34-3	1,1-Dichloroethane	ND	50	7.3	U	
67-66-3	Chloroform	ND	76	7.1	U	
56-23-5	Carbon tetrachloride	ND	50	12.	U	
78-87-5	1,2-Dichloropropane	ND	50	6.3	U	
124-48-1	Dibromochloromethane	ND	50	7.1	U	
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U	
127-18-4	Tetrachloroethene	11000	25	9.9		
108-90-7	Chlorobenzene	ND	25	6.4	U	
75-69-4	Trichlorofluoromethane	ND	200	35.	U	
107-06-2	1,2-Dichloroethane	ND	50	13.	U	
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U	
75-27-4	Bromodichloromethane	ND	25	5.5	U	
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	25	8.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U	
563-58-6	1,1-Dichloropropene	ND	25	8.0	U	
75-25-2	Bromoform	ND	200	12.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U	
71-43-2	Benzene	ND	25	8.4	U	
108-88-3	Toluene	ND	50	27.	U	
100-41-4	Ethylbenzene	ND	50	7.1	U	
74-87-3	Chloromethane	ND	200	47.	U	
74-83-9	Bromomethane	ND	100	29.	U	
75-01-4	Vinyl chloride	ND	50	17.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A09	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	100	23.	U	R
75-35-4	1,1-Dichloroethene	ND	50	12.	U	
156-60-5	trans-1,2-Dichloroethene	ND	76	6.9	U	
79-01-6	Trichloroethene	19	25	6.9	J	
95-50-1	1,2-Dichlorobenzene	ND	100	7.3	U	
541-73-1	1,3-Dichlorobenzene	ND	100	7.5	U	
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U	
1634-04-4	Methyl tert butyl ether	ND	100	10.	U	
179601-23-1	p/m-Xylene	ND	100	28.	U	
95-47-6	o-Xylene	ND	50	15.	U	
1330-20-7	Xylenes, Total	ND	0.88	0.26	U	
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U	
540-59-0	1,2-Dichloroethene, Total	ND	0.88	0.12	U	
74-95-3	Dibromomethane	ND	100	12.	U	
100-42-5	Styrene	ND	50	9.9	U	
75-71-8	Dichlorodifluoromethane	ND	500	46.	U	
67-64-1	Acetone	ND	500	240	U	
75-15-0	Carbon disulfide	ND	500	230	U	
78-93-3	2-Butanone	ND	500	110	U	
108-05-4	Vinyl acetate	ND	500	110	U	
108-10-1	4-Methyl-2-pentanone	ND	500	65.	U	
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U	
591-78-6	2-Hexanone	ND	500	60.	U	
74-97-5	Bromochloromethane	ND	100	10.	U	
594-20-7	2,2-Dichloropropane	ND	100	10.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A09	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	50	14.	U	R
142-28-9	1,3-Dichloropropane	ND	100	8.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.7	U	
108-86-1	Bromobenzene	ND	100	7.3	U	
104-51-8	n-Butylbenzene	ND	50	8.4	U	
135-98-8	sec-Butylbenzene	ND	50	7.4	U	
98-06-6	tert-Butylbenzene	ND	100	6.0	U	
95-49-8	o-Chlorotoluene	ND	100	9.6	U	
106-43-4	p-Chlorotoluene	ND	100	5.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U	
87-68-3	Hexachlorobutadiene	ND	200	8.5	U	
98-82-8	Isopropylbenzene	ND	50	5.5	U	
99-87-6	p-Isopropyltoluene	ND	50	5.5	U	
91-20-3	Naphthalene	ND	200	33.	U	
107-13-1	Acrylonitrile	ND	200	58.	U	
103-65-1	n-Propylbenzene	ND	50	8.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.8	U	
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U	
123-91-1	1,4-Dioxane	ND	4000	1800	U	
105-05-5	p-Diethylbenzene	ND	100	8.9	U	
622-96-8	p-Ethyltoluene	ND	100	19.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U	
60-29-7	Ethyl ether	ND	100	17.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A09	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	72.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-05	**Date Collected**	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/14/19 08:21
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V11190814A09	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 93
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 4 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.13	204	J
	Unknown Naphthalene	15.77	187	J
	Unknown Naphthalene	15.89	184	J
	Total TIC Compounds		575J	J

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 17:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D14	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 93
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-06	Date Collected	: 08/08/19 08:33
Client ID	: SB-26 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 13:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A12	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.15	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	85	0.52	0.21		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.18	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.29	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.17	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.17	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.17	U	
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	ND	0.52	0.17	U	
108-88-3	Toluene	ND	1.0	0.57	U	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.98	U	UJ
74-83-9	Bromomethane	ND	2.1	0.61	U	
75-01-4	Vinyl chloride	ND	1.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-06	Date Collected	: 08/08/19 08:33
Client ID	: SB-26 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 13:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A12	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.48	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	
79-01-6	Trichloroethene	ND	0.52	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.59	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.21	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U	
67-64-1	Acetone	ND	10	5.0	U	
75-15-0	Carbon disulfide	ND	10	4.8	U	UJ
78-93-3	2-Butanone	ND	10	2.3	U	UJ
108-05-4	Vinyl acetate	ND	10	2.3	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.22	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-06	Date Collected	: 08/08/19 08:33
Client ID	: SB-26 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 13:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A12	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.18	U	UJ
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	UJ
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	0.99	4.2	0.68	J	U
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	84	37.	U	
105-05-5	p-Diethylbenzene	ND	2.1	0.19	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-06	Date Collected	: 08/08/19 08:33
Client ID	: SB-26 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 13:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V00190814A12	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-06	**Date Collected**	: 08/08/19 08:33
Client ID	: SB-26 (7-7.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/14/19 13:09
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V00190814A12	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 95
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000141-78-6	Ethyl Acetate	5.46	4.04	NJ
	Total TIC Compounds		4.04J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A10	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	300	140	U	R
75-34-3	1,1-Dichloroethane	ND	60	8.8	U	
67-66-3	Chloroform	9.0	91	8.5	J	
56-23-5	Carbon tetrachloride	ND	60	14.	U	
78-87-5	1,2-Dichloropropane	ND	60	7.6	U	
124-48-1	Dibromochloromethane	ND	60	8.5	U	
79-00-5	1,1,2-Trichloroethane	ND	60	16.	U	
127-18-4	Tetrachloroethene	1400	30	12.		
108-90-7	Chlorobenzene	ND	30	7.7	U	R
75-69-4	Trichlorofluoromethane	ND	240	42.	U	
107-06-2	1,2-Dichloroethane	ND	60	16.	U	
71-55-6	1,1,1-Trichloroethane	ND	30	10.	U	
75-27-4	Bromodichloromethane	ND	30	6.6	U	
10061-02-6	trans-1,3-Dichloropropene	ND	60	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	30	9.6	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.42	0.13	U	
563-58-6	1,1-Dichloropropene	ND	30	9.6	U	
75-25-2	Bromoform	ND	240	15.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	30	10.	U	
71-43-2	Benzene	ND	30	10.	U	
108-88-3	Toluene	ND	60	33.	U	
100-41-4	Ethylbenzene	ND	60	8.5	U	
74-87-3	Chloromethane	ND	240	56.	U	
74-83-9	Bromomethane	ND	120	35.	U	
75-01-4	Vinyl chloride	ND	60	20.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A10	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	120	27.	U
75-35-4	1,1-Dichloroethene	ND	60	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	91	8.3	U
79-01-6	Trichloroethene	ND	30	8.3	U
95-50-1	1,2-Dichlorobenzene	ND	120	8.7	U
541-73-1	1,3-Dichlorobenzene	ND	120	9.0	U
106-46-7	1,4-Dichlorobenzene	ND	120	10.	U
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	ND	120	34.	U
95-47-6	o-Xylene	ND	60	18.	U
1330-20-7	Xylenes, Total	ND	0.85	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	60	10.	U
540-59-0	1,2-Dichloroethene, Total	ND	0.85	0.12	U
74-95-3	Dibromomethane	ND	120	14.	U
100-42-5	Styrene	ND	60	12.	U
75-71-8	Dichlorodifluoromethane	ND	600	55.	U
67-64-1	Acetone	ND	600	290	U
75-15-0	Carbon disulfide	ND	600	280	U
78-93-3	2-Butanone	ND	600	130	U
108-05-4	Vinyl acetate	ND	600	130	U
108-10-1	4-Methyl-2-pentanone	ND	600	77.	U
96-18-4	1,2,3-Trichloropropane	ND	120	7.7	U
591-78-6	2-Hexanone	ND	600	71.	U
74-97-5	Bromochloromethane	ND	120	12.	U
594-20-7	2,2-Dichloropropane	ND	120	12.	U

R



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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A10	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	60	17.	U	R
142-28-9	1,3-Dichloropropane	ND	120	10.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	30	8.0	U	
108-86-1	Bromobenzene	ND	120	8.8	U	
104-51-8	n-Butylbenzene	ND	60	10.	U	
135-98-8	sec-Butylbenzene	ND	60	8.8	U	
98-06-6	tert-Butylbenzene	ND	120	7.1	U	
95-49-8	o-Chlorotoluene	ND	120	12.	U	
106-43-4	p-Chlorotoluene	ND	120	6.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	180	60.	U	
87-68-3	Hexachlorobutadiene	ND	240	10.	U	
98-82-8	Isopropylbenzene	ND	60	6.6	U	
99-87-6	p-Isopropyltoluene	ND	60	6.6	U	
91-20-3	Naphthalene	ND	240	39.	U	
107-13-1	Acrylonitrile	ND	240	70.	U	
103-65-1	n-Propylbenzene	ND	60	10.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	120	19.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	120	16.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	120	12.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	120	20.	U	
123-91-1	1,4-Dioxane	ND	4800	2100	U	
105-05-5	p-Diethylbenzene	ND	120	11.	U	
622-96-8	p-Ethyltoluene	ND	120	23.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	120	12.	U	
60-29-7	Ethyl ether	ND	120	21.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A10	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	300	86.	U	R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D16	Instrument ID	: VOA117
Sample Amount	: 7.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.2	1.9	U	
75-34-3	1,1-Dichloroethane	ND	0.85	0.12	U	
67-66-3	Chloroform	0.14	1.3	0.12	J	
56-23-5	Carbon tetrachloride	ND	0.85	0.19	U	
78-87-5	1,2-Dichloropropane	ND	0.85	0.10	U	
124-48-1	Dibromochloromethane	ND	0.85	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.85	0.22	U	
127-18-4	Tetrachloroethene	830	0.42	0.16	E	R
108-90-7	Chlorobenzene	ND	0.42	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.4	0.59	U	
107-06-2	1,2-Dichloroethane	ND	0.85	0.22	U	
71-55-6	1,1,1-Trichloroethane	ND	0.42	0.14	U	
75-27-4	Bromodichloromethane	ND	0.42	0.09	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.85	0.23	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.42	0.13	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.42	0.13	U	
563-58-6	1,1-Dichloropropene	ND	0.42	0.13	U	
75-25-2	Bromoform	ND	3.4	0.21	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.42	0.14	U	
71-43-2	Benzene	ND	0.42	0.14	U	
108-88-3	Toluene	ND	0.85	0.46	U	
100-41-4	Ethylbenzene	ND	0.85	0.12	U	
74-87-3	Chloromethane	ND	3.4	0.79	U	
74-83-9	Bromomethane	ND	1.7	0.49	U	UJ
75-01-4	Vinyl chloride	ND	0.85	0.28	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D16	Instrument ID	: VOA117
Sample Amount	: 7.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.7	0.38	U
75-35-4	1,1-Dichloroethene	ND	0.85	0.20	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	1.6	0.42	0.12	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.47	U
95-47-6	o-Xylene	ND	0.85	0.25	U
1330-20-7	Xylenes, Total	ND	0.85	0.25	U
156-59-2	cis-1,2-Dichloroethene	1.4	0.85	0.15	
540-59-0	1,2-Dichloroethene, Total	1.4	0.85	0.12	
74-95-3	Dibromomethane	ND	1.7	0.20	U
100-42-5	Styrene	ND	0.85	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.5	0.77	U
67-64-1	Acetone	7.4	8.5	4.1	J
75-15-0	Carbon disulfide	ND	8.5	3.8	U
78-93-3	2-Butanone	ND	8.5	1.9	U
108-05-4	Vinyl acetate	ND	8.5	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.5	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.7	0.11	U
591-78-6	2-Hexanone	ND	8.5	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.17	U
594-20-7	2,2-Dichloropropane	ND	1.7	0.17	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D16	Instrument ID	: VOA117
Sample Amount	: 7.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.85	0.24	U	
142-28-9	1,3-Dichloropropane	ND	1.7	0.14	U	
630-20-6	1,1,1,2-Tetrachloroethane	0.16	0.42	0.11	J	
108-86-1	Bromobenzene	ND	1.7	0.12	U	
104-51-8	n-Butylbenzene	ND	0.85	0.14	U	
135-98-8	sec-Butylbenzene	ND	0.85	0.12	U	
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.7	0.16	U	
106-43-4	p-Chlorotoluene	ND	1.7	0.09	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.84	U	
87-68-3	Hexachlorobutadiene	ND	3.4	0.14	U	
98-82-8	Isopropylbenzene	ND	0.85	0.09	U	
99-87-6	p-Isopropyltoluene	ND	0.85	0.09	U	
91-20-3	Naphthalene	ND	3.4	0.55	U	
107-13-1	Acrylonitrile	ND	3.4	0.97	U	
103-65-1	n-Propylbenzene	ND	0.85	0.14	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.27	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.23	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.16	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.28	U	
123-91-1	1,4-Dioxane	ND	68	30.	U	R
105-05-5	p-Diethylbenzene	ND	1.7	0.15	U	
622-96-8	p-Ethyltoluene	ND	1.7	0.32	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.7	0.16	U	
60-29-7	Ethyl ether	ND	1.7	0.29	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D16	Instrument ID	: VOA117
Sample Amount	: 7.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.2	1.2	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-07	**Date Collected**	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/13/19 18:02
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17190813D16	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 84
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 08:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A10	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 84
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	2.10	184	J	R
	Total TIC Compounds		184J	J	R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D17	Instrument ID	: VOA117
Sample Amount	: 7.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	3.7	1.7	U	
75-34-3	1,1-Dichloroethane	ND	0.75	0.11	U	
67-66-3	Chloroform	ND	1.1	0.10	U	
56-23-5	Carbon tetrachloride	ND	0.75	0.17	U	
78-87-5	1,2-Dichloropropane	ND	0.75	0.09	U	
124-48-1	Dibromochloromethane	ND	0.75	0.10	U	
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.20	U	
127-18-4	Tetrachloroethene	320	0.37	0.15	E	R
108-90-7	Chlorobenzene	ND	0.37	0.10	U	
75-69-4	Trichlorofluoromethane	ND	3.0	0.52	U	
107-06-2	1,2-Dichloroethane	ND	0.75	0.19	U	
71-55-6	1,1,1-Trichloroethane	ND	0.37	0.12	U	
75-27-4	Bromodichloromethane	ND	0.37	0.08	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.75	0.20	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.37	0.12	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.37	0.12	U	
563-58-6	1,1-Dichloropropene	ND	0.37	0.12	U	
75-25-2	Bromoform	ND	3.0	0.18	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.37	0.12	U	
71-43-2	Benzene	ND	0.37	0.12	U	
108-88-3	Toluene	ND	0.75	0.41	U	
100-41-4	Ethylbenzene	ND	0.75	0.10	U	
74-87-3	Chloromethane	ND	3.0	0.70	U	
74-83-9	Bromomethane	ND	1.5	0.44	U	UJ
75-01-4	Vinyl chloride	ND	0.75	0.25	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D17	Instrument ID	: VOA117
Sample Amount	: 7.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.5	0.34	U
75-35-4	1,1-Dichloroethene	ND	0.75	0.18	U
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.10	U
79-01-6	Trichloroethene	2.0	0.37	0.10	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.11	U
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.11	U
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.13	U
1634-04-4	Methyl tert butyl ether	ND	1.5	0.15	U
179601-23-1	p/m-Xylene	ND	1.5	0.42	U
95-47-6	o-Xylene	ND	0.75	0.22	U
1330-20-7	Xylenes, Total	ND	0.75	0.22	U
156-59-2	cis-1,2-Dichloroethene	ND	0.75	0.13	U
540-59-0	1,2-Dichloroethene, Total	ND	0.75	0.10	U
74-95-3	Dibromomethane	ND	1.5	0.18	U
100-42-5	Styrene	ND	0.75	0.15	U
75-71-8	Dichlorodifluoromethane	ND	7.5	0.68	U
67-64-1	Acetone	22	7.5	3.6	
75-15-0	Carbon disulfide	ND	7.5	3.4	U
78-93-3	2-Butanone	ND	7.5	1.7	U
108-05-4	Vinyl acetate	ND	7.5	1.6	U
108-10-1	4-Methyl-2-pentanone	ND	7.5	0.96	U
96-18-4	1,2,3-Trichloropropane	ND	1.5	0.10	U
591-78-6	2-Hexanone	ND	7.5	0.88	U
74-97-5	Bromochloromethane	ND	1.5	0.15	U
594-20-7	2,2-Dichloropropane	ND	1.5	0.15	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D17	Instrument ID	: VOA117
Sample Amount	: 7.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.75	0.21	U	
142-28-9	1,3-Dichloropropane	ND	1.5	0.12	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.37	0.10	U	
108-86-1	Bromobenzene	ND	1.5	0.11	U	
104-51-8	n-Butylbenzene	ND	0.75	0.12	U	
135-98-8	sec-Butylbenzene	ND	0.75	0.11	U	
98-06-6	tert-Butylbenzene	ND	1.5	0.09	U	
95-49-8	o-Chlorotoluene	ND	1.5	0.14	U	
106-43-4	p-Chlorotoluene	ND	1.5	0.08	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.75	U	
87-68-3	Hexachlorobutadiene	ND	3.0	0.13	U	
98-82-8	Isopropylbenzene	ND	0.75	0.08	U	
99-87-6	p-Isopropyltoluene	ND	0.75	0.08	U	
91-20-3	Naphthalene	ND	3.0	0.49	U	
107-13-1	Acrylonitrile	ND	3.0	0.86	U	
103-65-1	n-Propylbenzene	ND	0.75	0.13	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.5	0.24	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.5	0.20	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.5	0.14	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.5	0.25	U	
123-91-1	1,4-Dioxane	ND	60	26.	U	R
105-05-5	p-Diethylbenzene	ND	1.5	0.13	U	
622-96-8	p-Ethyltoluene	ND	1.5	0.29	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.5	0.14	U	
60-29-7	Ethyl ether	ND	1.5	0.26	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D17	Instrument ID	: VOA117
Sample Amount	: 7.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.7	1.1	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A11	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	230	100	U	R
75-34-3	1,1-Dichloroethane	ND	46	6.7	U	
67-66-3	Chloroform	ND	69	6.5	U	
56-23-5	Carbon tetrachloride	ND	46	11.	U	
78-87-5	1,2-Dichloropropane	ND	46	5.8	U	
124-48-1	Dibromochloromethane	ND	46	6.5	U	
79-00-5	1,1,2-Trichloroethane	ND	46	12.	U	
127-18-4	Tetrachloroethene	3500	23	9.1		
108-90-7	Chlorobenzene	ND	23	5.9	U	R
75-69-4	Trichlorofluoromethane	ND	180	32.	U	
107-06-2	1,2-Dichloroethane	ND	46	12.	U	
71-55-6	1,1,1-Trichloroethane	ND	23	7.7	U	
75-27-4	Bromodichloromethane	ND	23	5.0	U	
10061-02-6	trans-1,3-Dichloropropene	ND	46	13.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	23	7.3	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.37	0.12	U	
563-58-6	1,1-Dichloropropene	ND	23	7.4	U	
75-25-2	Bromoform	ND	180	11.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	23	7.7	U	
71-43-2	Benzene	ND	23	7.7	U	
108-88-3	Toluene	ND	46	25.	U	
100-41-4	Ethylbenzene	ND	46	6.5	U	
74-87-3	Chloromethane	ND	180	43.	U	
74-83-9	Bromomethane	ND	92	27.	U	
75-01-4	Vinyl chloride	ND	46	15.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A11	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	92	21.	U
75-35-4	1,1-Dichloroethene	ND	46	11.	U
156-60-5	trans-1,2-Dichloroethene	ND	69	6.3	U
79-01-6	Trichloroethene	110	23	6.3	
95-50-1	1,2-Dichlorobenzene	ND	92	6.7	U
541-73-1	1,3-Dichlorobenzene	ND	92	6.8	U
106-46-7	1,4-Dichlorobenzene	ND	92	7.9	U
1634-04-4	Methyl tert butyl ether	ND	92	9.3	U
179601-23-1	p/m-Xylene	ND	92	26.	U
95-47-6	o-Xylene	ND	46	13.	U
1330-20-7	Xylenes, Total	ND	0.75	0.22	U
156-59-2	cis-1,2-Dichloroethene	ND	46	8.1	U
540-59-0	1,2-Dichloroethene, Total	ND	0.75	0.10	U
74-95-3	Dibromomethane	ND	92	11.	U
100-42-5	Styrene	ND	46	9.1	U
75-71-8	Dichlorodifluoromethane	ND	460	42.	U
67-64-1	Acetone	ND	460	220	U
75-15-0	Carbon disulfide	ND	460	210	U
78-93-3	2-Butanone	ND	460	100	U
108-05-4	Vinyl acetate	ND	460	99.	U
108-10-1	4-Methyl-2-pentanone	ND	460	59.	U
96-18-4	1,2,3-Trichloropropane	ND	92	5.9	U
591-78-6	2-Hexanone	ND	460	54.	U
74-97-5	Bromochloromethane	ND	92	9.5	U
594-20-7	2,2-Dichloropropane	ND	92	9.3	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A11	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	46	13.	U	R
142-28-9	1,3-Dichloropropane	ND	92	7.7	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	23	6.1	U	
108-86-1	Bromobenzene	ND	92	6.7	U	
104-51-8	n-Butylbenzene	ND	46	7.7	U	
135-98-8	sec-Butylbenzene	ND	46	6.8	U	
98-06-6	tert-Butylbenzene	ND	92	5.4	U	
95-49-8	o-Chlorotoluene	ND	92	8.8	U	
106-43-4	p-Chlorotoluene	ND	92	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	140	46.	U	
87-68-3	Hexachlorobutadiene	ND	180	7.8	U	
98-82-8	Isopropylbenzene	ND	46	5.0	U	
99-87-6	p-Isopropyltoluene	ND	46	5.0	U	
91-20-3	Naphthalene	ND	180	30.	U	
107-13-1	Acrylonitrile	ND	180	53.	U	
103-65-1	n-Propylbenzene	ND	46	7.9	U	
87-61-6	1,2,3-Trichlorobenzene	ND	92	15.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	92	12.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	92	8.9	U	
95-63-6	1,2,4-Trimethylbenzene	ND	92	15.	U	
123-91-1	1,4-Dioxane	ND	3700	1600	U	
105-05-5	p-Diethylbenzene	ND	92	8.2	U	
622-96-8	p-Ethyltoluene	ND	92	18.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	92	8.8	U	
60-29-7	Ethyl ether	ND	92	16.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A11	Instrument ID	: VOA111
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 93
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	230	66.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-08	**Date Collected**	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/13/19 18:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17190813D17	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 93
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000141-78-6	Ethyl Acetate	5.28	11.9	NJ
	Total TIC Compounds		11.9J	J

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A11	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 93
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	2.09	104	J	R
	Total TIC Compounds		104J	J	R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D18	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.3	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.1	0.15	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.1	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.1	0.13	U	
124-48-1	Dibromochloromethane	ND	1.1	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.28	U	
127-18-4	Tetrachloroethene	490	0.53	0.21	E	R
108-90-7	Chlorobenzene	ND	0.53	0.14	U	
75-69-4	Trichlorofluoromethane	ND	4.3	0.74	U	
107-06-2	1,2-Dichloroethane	ND	1.1	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.53	0.18	U	
75-27-4	Bromodichloromethane	ND	0.53	0.12	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.29	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	0.17	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.53	0.17	U	
563-58-6	1,1-Dichloropropene	ND	0.53	0.17	U	
75-25-2	Bromoform	ND	4.3	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	0.18	U	
71-43-2	Benzene	ND	0.53	0.18	U	
108-88-3	Toluene	ND	1.1	0.58	U	
100-41-4	Ethylbenzene	ND	1.1	0.15	U	
74-87-3	Chloromethane	ND	4.3	0.99	U	
74-83-9	Bromomethane	ND	2.1	0.62	U	UJ
75-01-4	Vinyl chloride	ND	1.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D18	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.25	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	1.8	0.53	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.60	U
95-47-6	o-Xylene	ND	1.1	0.31	U
1330-20-7	Xylenes, Total	ND	1.1	0.31	U
156-59-2	cis-1,2-Dichloroethene	0.30	1.1	0.19	J
540-59-0	1,2-Dichloroethene, Total	0.30	1.1	0.14	J
74-95-3	Dibromomethane	ND	2.1	0.25	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	0.97	U
67-64-1	Acetone	ND	11	5.1	U
75-15-0	Carbon disulfide	ND	11	4.8	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.14	U
591-78-6	2-Hexanone	ND	11	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.1	0.22	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D18	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.53	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.1	0.18	U	
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.12	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.1	U	
87-68-3	Hexachlorobutadiene	ND	4.3	0.18	U	
98-82-8	Isopropylbenzene	ND	1.1	0.12	U	
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U	
91-20-3	Naphthalene	ND	4.3	0.69	U	
107-13-1	Acrylonitrile	ND	4.3	1.2	U	
103-65-1	n-Propylbenzene	ND	1.1	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.36	U	
123-91-1	1,4-Dioxane	ND	85	37.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.19	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.41	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.36	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 18:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D18	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.3	1.5	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A12	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	360	160	U	R
75-34-3	1,1-Dichloroethane	ND	72	10.	U	
67-66-3	Chloroform	ND	110	10.	U	
56-23-5	Carbon tetrachloride	ND	72	16.	U	
78-87-5	1,2-Dichloropropane	ND	72	9.0	U	
124-48-1	Dibromochloromethane	ND	72	10.	U	
79-00-5	1,1,2-Trichloroethane	ND	72	19.	U	
127-18-4	Tetrachloroethene	960	36	14.		
108-90-7	Chlorobenzene	ND	36	9.1	U	R
75-69-4	Trichlorofluoromethane	ND	290	50.	U	
107-06-2	1,2-Dichloroethane	ND	72	18.	U	
71-55-6	1,1,1-Trichloroethane	ND	36	12.	U	
75-27-4	Bromodichloromethane	ND	36	7.8	U	
10061-02-6	trans-1,3-Dichloropropene	ND	72	20.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	36	11.	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.53	0.17	U	
563-58-6	1,1-Dichloropropene	ND	36	11.	U	
75-25-2	Bromoform	ND	290	18.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	36	12.	U	
71-43-2	Benzene	ND	36	12.	U	
108-88-3	Toluene	ND	72	39.	U	
100-41-4	Ethylbenzene	ND	72	10.	U	
74-87-3	Chloromethane	ND	290	67.	U	
74-83-9	Bromomethane	ND	140	42.	U	
75-01-4	Vinyl chloride	ND	72	24.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A12	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	140	32.	U
75-35-4	1,1-Dichloroethene	ND	72	17.	U
156-60-5	trans-1,2-Dichloroethene	ND	110	9.8	U
79-01-6	Trichloroethene	ND	36	9.8	U
95-50-1	1,2-Dichlorobenzene	ND	140	10.	U
541-73-1	1,3-Dichlorobenzene	ND	140	11.	U
106-46-7	1,4-Dichlorobenzene	ND	140	12.	U
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	ND	140	40.	U
95-47-6	o-Xylene	ND	72	21.	U
1330-20-7	Xylenes, Total	ND	1.1	0.31	U
156-59-2	cis-1,2-Dichloroethene	ND	72	12.	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.14	U
74-95-3	Dibromomethane	ND	140	17.	U
100-42-5	Styrene	ND	72	14.	U
75-71-8	Dichlorodifluoromethane	ND	720	66.	U
67-64-1	Acetone	ND	720	340	U
75-15-0	Carbon disulfide	ND	720	330	U
78-93-3	2-Butanone	ND	720	160	U
108-05-4	Vinyl acetate	ND	720	150	U
108-10-1	4-Methyl-2-pentanone	ND	720	92.	U
96-18-4	1,2,3-Trichloropropane	ND	140	9.1	U
591-78-6	2-Hexanone	ND	720	84.	U
74-97-5	Bromochloromethane	ND	140	15.	U
594-20-7	2,2-Dichloropropane	ND	140	14.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A12	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	72	20.	U
142-28-9	1,3-Dichloropropane	ND	140	12.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	36	9.5	U
108-86-1	Bromobenzene	ND	140	10.	U
104-51-8	n-Butylbenzene	ND	72	12.	U
135-98-8	sec-Butylbenzene	ND	72	10.	U
98-06-6	tert-Butylbenzene	ND	140	8.4	U
95-49-8	o-Chlorotoluene	ND	140	14.	U
106-43-4	p-Chlorotoluene	ND	140	7.7	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	220	72.	U
87-68-3	Hexachlorobutadiene	ND	290	12.	U
98-82-8	Isopropylbenzene	ND	72	7.8	U
99-87-6	p-Isopropyltoluene	ND	72	7.8	U
91-20-3	Naphthalene	ND	290	46.	U
107-13-1	Acrylonitrile	ND	290	82.	U
103-65-1	n-Propylbenzene	ND	72	12.	U
87-61-6	1,2,3-Trichlorobenzene	ND	140	23.	U
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U
108-67-8	1,3,5-Trimethylbenzene	ND	140	14.	U
95-63-6	1,2,4-Trimethylbenzene	ND	140	24.	U
123-91-1	1,4-Dioxane	ND	5700	2500	U
105-05-5	p-Diethylbenzene	ND	140	13.	U
622-96-8	p-Ethyltoluene	ND	140	28.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	140	14.	U
60-29-7	Ethyl ether	ND	140	24.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 09:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A12	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	360	100	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-09	**Date Collected**	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/14/19 09:40
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V11190814A12	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 77
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	2.09	183	J	R
	Total TIC Compounds		183J	J	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-09	**Date Collected**	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/13/19 18:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17190813D18	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 77
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.28	28.1	J
	Total TIC Compounds		28.1J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 19:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D19	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.5	2.5	U	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U	
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U	
124-48-1	Dibromochloromethane	ND	1.1	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U	
127-18-4	Tetrachloroethene	590	0.55	0.22	E	R
108-90-7	Chlorobenzene	ND	0.55	0.14	U	
75-69-4	Trichlorofluoromethane	ND	4.4	0.77	U	
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U	
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U	
75-27-4	Bromodichloromethane	ND	0.55	0.12	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.55	0.17	U	
563-58-6	1,1-Dichloropropene	ND	0.55	0.18	U	
75-25-2	Bromoform	ND	4.4	0.27	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U	
71-43-2	Benzene	ND	0.55	0.18	U	
108-88-3	Toluene	0.65	1.1	0.60	J	
100-41-4	Ethylbenzene	ND	1.1	0.16	U	
74-87-3	Chloromethane	ND	4.4	1.0	U	
74-83-9	Bromomethane	ND	2.2	0.64	U	UJ
75-01-4	Vinyl chloride	ND	1.1	0.37	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 19:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D19	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.2	0.50	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	0.86	0.55	0.15	
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.62	U
95-47-6	o-Xylene	ND	1.1	0.32	U
1330-20-7	Xylenes, Total	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	0.30	1.1	0.19	J
540-59-0	1,2-Dichloroethene, Total	0.30	1.1	0.15	J
74-95-3	Dibromomethane	ND	2.2	0.26	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.3	U
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.2	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.2	0.23	U
594-20-7	2,2-Dichloropropane	ND	2.2	0.22	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 19:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D19	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.31	U
142-28-9	1,3-Dichloropropane	ND	2.2	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	0.21	0.55	0.14	J
108-86-1	Bromobenzene	ND	2.2	0.16	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.2	0.13	U
95-49-8	o-Chlorotoluene	ND	2.2	0.21	U
106-43-4	p-Chlorotoluene	ND	2.2	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.4	0.19	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.4	0.72	U
107-13-1	Acrylonitrile	ND	4.4	1.3	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.36	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.37	U
123-91-1	1,4-Dioxane	80	88	39.	J
105-05-5	p-Diethylbenzene	ND	2.2	0.20	U
622-96-8	p-Ethyltoluene	ND	2.2	0.42	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.2	0.21	U
60-29-7	Ethyl ether	ND	2.2	0.38	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/13/19 19:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17190813D19	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.5	1.6	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A13	Instrument ID	: VOA111
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	290	130	U	R
75-34-3	1,1-Dichloroethane	ND	59	8.5	U	
67-66-3	Chloroform	ND	88	8.2	U	
56-23-5	Carbon tetrachloride	ND	59	13.	U	
78-87-5	1,2-Dichloropropane	ND	59	7.3	U	
124-48-1	Dibromochloromethane	ND	59	8.2	U	
79-00-5	1,1,2-Trichloroethane	ND	59	16.	U	
127-18-4	Tetrachloroethene	2800	29	11.		
108-90-7	Chlorobenzene	ND	29	7.4	U	R
75-69-4	Trichlorofluoromethane	ND	230	41.	U	
107-06-2	1,2-Dichloroethane	ND	59	15.	U	
71-55-6	1,1,1-Trichloroethane	ND	29	9.8	U	
75-27-4	Bromodichloromethane	ND	29	6.4	U	
10061-02-6	trans-1,3-Dichloropropene	ND	59	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.3	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.55	0.17	U	
563-58-6	1,1-Dichloropropene	ND	29	9.3	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.7	U	
71-43-2	Benzene	ND	29	9.7	U	
108-88-3	Toluene	ND	59	32.	U	
100-41-4	Ethylbenzene	ND	59	8.3	U	
74-87-3	Chloromethane	ND	230	55.	U	
74-83-9	Bromomethane	ND	120	34.	U	
75-01-4	Vinyl chloride	ND	59	20.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A13	Instrument ID	: VOA111
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	120	26.	U
75-35-4	1,1-Dichloroethene	ND	59	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	88	8.0	U
79-01-6	Trichloroethene	ND	29	8.0	U
95-50-1	1,2-Dichlorobenzene	ND	120	8.4	U
541-73-1	1,3-Dichlorobenzene	ND	120	8.7	U
106-46-7	1,4-Dichlorobenzene	ND	120	10.	U
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	ND	120	33.	U
95-47-6	o-Xylene	ND	59	17.	U
1330-20-7	Xylenes, Total	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	59	10.	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.15	U
74-95-3	Dibromomethane	ND	120	14.	U
100-42-5	Styrene	ND	59	11.	U
75-71-8	Dichlorodifluoromethane	ND	590	54.	U
67-64-1	Acetone	ND	590	280	U
75-15-0	Carbon disulfide	ND	590	270	U
78-93-3	2-Butanone	ND	590	130	U
108-05-4	Vinyl acetate	ND	590	130	U
108-10-1	4-Methyl-2-pentanone	ND	590	75.	U
96-18-4	1,2,3-Trichloropropane	ND	120	7.4	U
591-78-6	2-Hexanone	ND	590	69.	U
74-97-5	Bromochloromethane	ND	120	12.	U
594-20-7	2,2-Dichloropropane	ND	120	12.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A13	Instrument ID	: VOA111
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	59	16.	U	R
142-28-9	1,3-Dichloropropane	ND	120	9.8	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.7	U	
108-86-1	Bromobenzene	ND	120	8.5	U	
104-51-8	n-Butylbenzene	ND	59	9.8	U	
135-98-8	sec-Butylbenzene	ND	59	8.6	U	
98-06-6	tert-Butylbenzene	ND	120	6.9	U	
95-49-8	o-Chlorotoluene	ND	120	11.	U	
106-43-4	p-Chlorotoluene	ND	120	6.3	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	180	58.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.9	U	
98-82-8	Isopropylbenzene	ND	59	6.4	U	
99-87-6	p-Isopropyltoluene	ND	59	6.4	U	
91-20-3	Naphthalene	ND	230	38.	U	
107-13-1	Acrylonitrile	ND	230	67.	U	
103-65-1	n-Propylbenzene	ND	59	10.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	120	19.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	120	16.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	120	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	120	20.	U	
123-91-1	1,4-Dioxane	ND	4700	2000	U	
105-05-5	p-Diethylbenzene	ND	120	10.	U	
622-96-8	p-Ethyltoluene	ND	120	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	120	11.	U	
60-29-7	Ethyl ether	ND	120	20.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190814A13	Instrument ID	: VOA111
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 92
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	83.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-10	**Date Collected**	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/13/19 19:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17190813D19	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 92
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-10	**Date Collected**	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/14/19 10:06
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V11190814A13	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 92
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown	2.09	128	J	R
	Total TIC Compounds		128J	J	R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-11	Date Collected	: 08/08/19 10:50
Client ID	: SB-28 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A15	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	270	120	U	
75-34-3	1,1-Dichloroethane	ND	54	7.8	U	
67-66-3	Chloroform	ND	81	7.6	U	
56-23-5	Carbon tetrachloride	ND	54	12.	U	
78-87-5	1,2-Dichloropropane	ND	54	6.8	U	
124-48-1	Dibromochloromethane	ND	54	7.6	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	54	14.	U	
127-18-4	Tetrachloroethene	4700	27	10.		
108-90-7	Chlorobenzene	ND	27	6.9	U	
75-69-4	Trichlorofluoromethane	ND	220	38.	U	UJ
107-06-2	1,2-Dichloroethane	ND	54	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	27	9.0	U	
75-27-4	Bromodichloromethane	ND	27	5.9	U	
10061-02-6	trans-1,3-Dichloropropene	ND	54	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	27	8.5	U	
542-75-6	1,3-Dichloropropene, Total	ND	27	8.5	U	
563-58-6	1,1-Dichloropropene	ND	27	8.6	U	
75-25-2	Bromoform	ND	220	13.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	27	9.0	U	
71-43-2	Benzene	ND	27	9.0	U	
108-88-3	Toluene	ND	54	29.	U	
100-41-4	Ethylbenzene	ND	54	7.6	U	
74-87-3	Chloromethane	ND	220	50.	U	UJ
74-83-9	Bromomethane	ND	110	31.	U	
75-01-4	Vinyl chloride	ND	54	18.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-11	Date Collected	: 08/08/19 10:50
Client ID	: SB-28 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A15	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	24.	U	
75-35-4	1,1-Dichloroethene	ND	54	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	81	7.4	U	
79-01-6	Trichloroethene	ND	27	7.4	U	
95-50-1	1,2-Dichlorobenzene	ND	110	7.8	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.0	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.2	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	30.	U	
95-47-6	o-Xylene	ND	54	16.	U	
1330-20-7	Xylenes, Total	ND	54	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	54	9.4	U	
540-59-0	1,2-Dichloroethene, Total	ND	54	7.4	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	54	10.	U	
75-71-8	Dichlorodifluoromethane	ND	540	49.	U	
67-64-1	Acetone	ND	540	260	U	
75-15-0	Carbon disulfide	ND	540	240	U	UJ
78-93-3	2-Butanone	ND	540	120	U	UJ
108-05-4	Vinyl acetate	ND	540	120	U	
108-10-1	4-Methyl-2-pentanone	ND	540	69.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	6.9	U	
591-78-6	2-Hexanone	ND	540	64.	U	
74-97-5	Bromochloromethane	ND	110	11.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-11	Date Collected	: 08/08/19 10:50
Client ID	: SB-28 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A15	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	54	15.	U
142-28-9	1,3-Dichloropropane	ND	110	9.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	27	7.1	U
108-86-1	Bromobenzene	ND	110	7.8	U
104-51-8	n-Butylbenzene	ND	54	9.0	U UJ
135-98-8	sec-Butylbenzene	ND	54	7.9	U
98-06-6	tert-Butylbenzene	ND	110	6.4	U
95-49-8	o-Chlorotoluene	ND	110	10.	U
106-43-4	p-Chlorotoluene	ND	110	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	54.	U
87-68-3	Hexachlorobutadiene	ND	220	9.1	U UJ
98-82-8	Isopropylbenzene	ND	54	5.9	U
99-87-6	p-Isopropyltoluene	ND	54	5.9	U
91-20-3	Naphthalene	ND	220	35.	U
107-13-1	Acrylonitrile	ND	220	62.	U
103-65-1	n-Propylbenzene	ND	54	9.2	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U
108-67-8	1,3,5-Trimethylbenzene	ND	110	10.	U
95-63-6	1,2,4-Trimethylbenzene	ND	110	18.	U
123-91-1	1,4-Dioxane	ND	4300	1900	U
105-05-5	p-Diethylbenzene	ND	110	9.6	U
622-96-8	p-Ethyltoluene	ND	110	21.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	10.	U
60-29-7	Ethyl ether	ND	110	18.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-11	Date Collected	: 08/08/19 10:50
Client ID	: SB-28 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A15	Instrument ID	: VOA100
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	270	77.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-11	**Date Collected**	: 08/08/19 10:50
Client ID	: SB-28 (8-8.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/14/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V00190814A15	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 97
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-12	Date Collected	: 08/08/19 11:30
Client ID	: SB-28 (23-23.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A14	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.0	2.3	U	
75-34-3	1,1-Dichloroethane	ND	0.99	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.99	0.23	U	
78-87-5	1,2-Dichloropropane	ND	0.99	0.12	U	
124-48-1	Dibromochloromethane	ND	0.99	0.14	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	0.99	0.26	U	
127-18-4	Tetrachloroethene	51	0.50	0.19		
108-90-7	Chlorobenzene	ND	0.50	0.12	U	
75-69-4	Trichlorofluoromethane	ND	4.0	0.69	U	UJ
107-06-2	1,2-Dichloroethane	ND	0.99	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U	
75-27-4	Bromodichloromethane	ND	0.50	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.99	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U	
75-25-2	Bromoform	ND	4.0	0.24	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U	
71-43-2	Benzene	ND	0.50	0.16	U	
108-88-3	Toluene	0.58	0.99	0.54	J	
100-41-4	Ethylbenzene	ND	0.99	0.14	U	
74-87-3	Chloromethane	ND	4.0	0.92	U	UJ
74-83-9	Bromomethane	ND	2.0	0.58	U	
75-01-4	Vinyl chloride	ND	0.99	0.33	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-12	Date Collected	: 08/08/19 11:30
Client ID	: SB-28 (23-23.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A14	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.45	U	
75-35-4	1,1-Dichloroethene	ND	0.99	0.24	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	
79-01-6	Trichloroethene	0.96	0.50	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.55	U	
95-47-6	o-Xylene	ND	0.99	0.29	U	
1330-20-7	Xylenes, Total	ND	0.99	0.29	U	
156-59-2	cis-1,2-Dichloroethene	3.0	0.99	0.17		
540-59-0	1,2-Dichloroethene, Total	3.0	0.99	0.14		
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	0.99	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.9	0.91	U	
67-64-1	Acetone	8.0	9.9	4.8	J	
75-15-0	Carbon disulfide	ND	9.9	4.5	U	UJ
78-93-3	2-Butanone	ND	9.9	2.2	U	UJ
108-05-4	Vinyl acetate	ND	9.9	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.9	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U	
591-78-6	2-Hexanone	ND	9.9	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-12	Date Collected	: 08/08/19 11:30
Client ID	: SB-28 (23-23.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A14	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.99	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.99	0.16	U	UJ
135-98-8	sec-Butylbenzene	ND	0.99	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.99	U	
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U	UJ
98-82-8	Isopropylbenzene	ND	0.99	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.99	0.11	U	
91-20-3	Naphthalene	1.2	4.0	0.64	J	U
107-13-1	Acrylonitrile	ND	4.0	1.1	U	
103-65-1	n-Propylbenzene	ND	0.99	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	79	35.	U	
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-12	Date Collected	: 08/08/19 11:30
Client ID	: SB-28 (23-23.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/14/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00190814A14	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-12	**Date Collected**	: 08/08/19 11:30
Client ID	: SB-28 (23-23.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/14/19 14:01
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V00190814A14	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 83
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000079-20-9	Acetic acid, methyl ester	3.96	3.49	NJ
	Total TIC Compounds		3.49J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-13	Date Collected	: 08/08/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 15:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A23	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-13	Date Collected	: 08/08/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 15:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A23	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-13	Date Collected	: 08/08/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 15:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A23	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-13	Date Collected	: 08/08/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/12/19 15:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A23	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1935983
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935983-13	**Date Collected**	: 08/08/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 08/12/19 15:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MM
Lab File ID	: VQ190812A23	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
001066-40-6	Silanol, trimethyl-	5.25	1.07	NJ
	Total TIC Compounds		1.07J	J

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-02	Date Collected	: 08/08/19 07:00
Client ID	: SB-25 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	91.9	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-03	Date Collected	: 08/08/19 07:11
Client ID	: SB-25 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 94
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	93.9	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-04	Date Collected	: 08/08/19 07:55
Client ID	: SB-25 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	82.6	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-05	Date Collected	: 08/08/19 08:22
Client ID	: SB-26 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 93
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	92.6	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-06	Date Collected	: 08/08/19 08:33
Client ID	: SB-26 (7-7.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	95.1	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-07	Date Collected	: 08/08/19 08:45
Client ID	: SB-26 (15-15.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	83.7	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-08	Date Collected	: 08/08/19 09:30
Client ID	: SB-27 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 93
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	92.9	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-09	Date Collected	: 08/08/19 09:54
Client ID	: SB-27 (13.5-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 77
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	76.7	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-10	Date Collected	: 08/08/19 10:45
Client ID	: SB-28 (0-2)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	91.6	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-11	Date Collected	: 08/08/19 10:50
Client ID	: SB-28 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	97.4	0.100	NA	

DLM 9/20/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935983
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935983-12	Date Collected	: 08/08/19 11:30
Client ID	: SB-28 (23-23.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 08/10/19 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270920.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	83.0	0.100	NA	

DLM 9/20/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1935983-05, -07, -08, -09 and -10 were analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

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 Report Date: 08/14/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 2

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha L1935983

RECEIVED DATE:

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Jolie Delafuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name: 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** **Zip:**
Project #: 11845
Sampler's Name: Leif Reinertsen
Sampler's Signature:

Sample Information / Sample Collection / Sample Containers / Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL VOC's +TICs
	1 Field Blank-EQ-11	11845	L	—	8/8	645				X									X
	2 SB-25 (0-2)		S	G		700					X								X
	3 SB-25 (7-7.5)					711					X								X
	4 SB-25 (15-15.5)					755					X								X
	5 SB-26 (0-2)					822					X								X
	6 SB-26 (7-7.5)					833					X								X
	7 SB-26 (15-15.5)					845					X								X
	8 SB-27 (0-2)					930					X								X
	9 SB-27 (13.5-14)					954					X								X
	10 SB-28 (0-2)					1015					X								X

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

(LAB USE ONLY)

Turnaround Time (Business Days)

Standard Service

☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service

☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☒ Other Cat B
☐ EDD Format
(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Asch, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* Frozen 1445 8/8 *

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler: 1	Date / Time: 8/9/19 4:32 pm	Received By: 1	Relinquished By: 2	Date / Time: 8/9/19 21:20	Received By: 2
Relinquished by: 3	Date / Time: 8/10/19 0:23	Received By: 3	Relinquished By: 4	Date / Time:	Received By: 4 8/10/19 03:15
Relinquished by: 5	Date / Time:	Received By: 5			

COOLER INFORMATION

Cooler Temp: pH: ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 2

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha L1935983

RECEIVED DATE:

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Same
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Same

Project Information

Project Name: 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** **Zip:**
Project #: 11845
Sampler's Name: Leif Robertson
Sampler's Signature:

Analytical Information

Analytical Information	Matrix Codes
Impact Analytical Package A*	L - Liquid
Impact Analytical Package B**	S - Soil
Impact Analytical Package C***	A - Air
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	OL - Oil
GP82 Analysis	W - Wipe
VOCs 8260 (CP51 Analyte List)	PC - Paint Chips
TCL Voc's + TICs	SL - Sludge
	SD - Solid
	DW- Drinking Water
	DISS - Dissolved
	Sample Type
	G=Grab
	C=Composite
	B=Blank
	(LAB USE ONLY)

| LAB SAMPLE # (LAB USE ONLY) | Sample Information: Sample ID | IEC Project Code | Sample Collection: Matrix Code | Sample Type | Sample Date | Time | Sample Containers: Number of Each Preserved Bottle: Total # of bottles | NONE or OTHER* | ICE | HCL | Methanol (USEPA 3035) | Sodium Bisulfate (IEPA 5035) | Impact Analytical Package A* | Impact Analytical Package B** | Impact Analytical Package C*** | VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC) | GP82 Analysis | VOCs 8260 (CP51 Analyte List) | TCL Voc's + TICs | | |

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL SAMPLES

Organics Analyses

SDG No L1935982

Sampling Date: August 7, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental hŎŎdzLJl·ŭλ2yl·f & Public Health Consultants Inc (EhPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive

SDG #: L1935982

Client: Impact Environmental

Date: Sept 15, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs
FIELD BLANK EQ-10	L1935982-01	Aqueous	X
SB-24 (3.5-4)	L1935982-02	Soil	X
SB-24 (13-14)	L1935982-03	Soil	X
SB-24 (8-8.5)	L1935982-04	Soil	X
SB-24 (21-21.5)	L1935982-05	Soil	X
TRIP BLANK	L1935982-06	Aqueous	X

The data packages contained four (4) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: No blank contamination was present.

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Calibration Quality Control: Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1935982-02, L1935982-03, L1935982-04	Bromomethane, Ethyl ether	UJ
L1935982-05	Carbon tetrachloride, Benzene, Trichloroethene, Tetrachloroethene	UJ, J
L1935982-02, L1935982-03, L1935982-04, L1935982-05	1,4-Dioxane	R

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD): All results were acceptable.

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene result for L1935982-02 and L1935982-03 should be considered rejected (R) due to exceeding the calibration range in the low level analysis. The tetrachloroethene result for L1935982-02 and L1935982-03 should be used in the high level analyses; while all other results from the high level analyses are rejected (R). All tentatively identified compounds (TICs) are considered “tentatively identified” and are estimated (NJ, J).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-01	Date Collected	: 08/07/19 07:30
Client ID	: FIELD BLANK-EQ-10	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A20	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-01	Date Collected	: 08/07/19 07:30
Client ID	: FIELD BLANK-EQ-10	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A20	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-01	Date Collected	: 08/07/19 07:30
Client ID	: FIELD BLANK-EQ-10	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A20	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-01	Date Collected	: 08/07/19 07:30
Client ID	: FIELD BLANK-EQ-10	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 13:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A20	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-01	**Date Collected**	: 08/07/19 07:30
Client ID	: FIELD BLANK-EQ-10	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/12/19 13:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MM
Lab File ID	: VQ190812A20	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000075-37-6	Ethane, 1,1-difluoro-	1.83	1.3	NJ
	Total TIC Compounds		1.30J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D06	Instrument ID	: VOA117
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	6.5	3.0	U	
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U	
67-66-3	Chloroform	ND	2.0	0.18	U	
56-23-5	Carbon tetrachloride	ND	1.3	0.30	U	
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U	
124-48-1	Dibromochloromethane	ND	1.3	0.18	U	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.35	U	
127-18-4	Tetrachloroethene	2600	0.65	0.26	E	R
108-90-7	Chlorobenzene	ND	0.65	0.16	U	
75-69-4	Trichlorofluoromethane	ND	5.2	0.91	U	
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U	
71-55-6	1,1,1-Trichloroethane	ND	0.65	0.22	U	
75-27-4	Bromodichloromethane	ND	0.65	0.14	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.36	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.65	0.21	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.65	0.21	U	
563-58-6	1,1-Dichloropropene	ND	0.65	0.21	U	
75-25-2	Bromoform	ND	5.2	0.32	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.65	0.22	U	
71-43-2	Benzene	ND	0.65	0.22	U	
108-88-3	Toluene	ND	1.3	0.71	U	
100-41-4	Ethylbenzene	ND	1.3	0.18	U	
74-87-3	Chloromethane	ND	5.2	1.2	U	
74-83-9	Bromomethane	ND	2.6	0.76	U	UJ
75-01-4	Vinyl chloride	ND	1.3	0.44	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D06	Instrument ID	: VOA117
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.6	0.59	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.31	U
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U
79-01-6	Trichloroethene	4.3	0.65	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.19	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.26	U
179601-23-1	p/m-Xylene	ND	2.6	0.73	U
95-47-6	o-Xylene	ND	1.3	0.38	U
1330-20-7	Xylenes, Total	ND	1.3	0.38	U
156-59-2	cis-1,2-Dichloroethene	2.9	1.3	0.23	
540-59-0	1,2-Dichloroethene, Total	2.9	1.3	0.18	
74-95-3	Dibromomethane	ND	2.6	0.31	U
100-42-5	Styrene	ND	1.3	0.26	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	30	13	6.3	
75-15-0	Carbon disulfide	ND	13	5.9	U
78-93-3	2-Butanone	ND	13	2.9	U
108-05-4	Vinyl acetate	ND	13	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U
96-18-4	1,2,3-Trichloropropane	ND	2.6	0.16	U
591-78-6	2-Hexanone	ND	13	1.5	U
74-97-5	Bromochloromethane	ND	2.6	0.27	U
594-20-7	2,2-Dichloropropane	ND	2.6	0.26	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 13:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D06	Instrument ID	: VOA117
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.3	0.36	U	
142-28-9	1,3-Dichloropropane	ND	2.6	0.22	U	
630-20-6	1,1,1,2-Tetrachloroethane	0.51	0.65	0.17	J	
108-86-1	Bromobenzene	ND	2.6	0.19	U	
104-51-8	n-Butylbenzene	ND	1.3	0.22	U	
135-98-8	sec-Butylbenzene	ND	1.3	0.19	U	
98-06-6	tert-Butylbenzene	ND	2.6	0.15	U	
95-49-8	o-Chlorotoluene	ND	2.6	0.25	U	
106-43-4	p-Chlorotoluene	ND	2.6	0.14	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.9	1.3	U	
87-68-3	Hexachlorobutadiene	ND	5.2	0.22	U	
98-82-8	Isopropylbenzene	ND	1.3	0.14	U	
99-87-6	p-Isopropyltoluene	ND	1.3	0.14	U	
91-20-3	Naphthalene	ND	5.2	0.85	U	
107-13-1	Acrylonitrile	ND	5.2	1.5	U	
103-65-1	n-Propylbenzene	ND	1.3	0.22	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.6	0.42	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.36	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.25	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.44	U	
123-91-1	1,4-Dioxane	ND	100	46.	U	R
105-05-5	p-Diethylbenzene	ND	2.6	0.23	U	
622-96-8	p-Ethyltoluene	ND	2.6	0.50	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.6	0.25	U	
60-29-7	Ethyl ether	ND	2.6	0.44	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-02	**Date Collected**	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 13:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V17190813D06	**Instrument ID**	: VOA117
Sample Amount	: 4.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 96
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.5	1.8	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N06	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	260	120	U	R
75-34-3	1,1-Dichloroethane	ND	52	7.5	U	
67-66-3	Chloroform	ND	78	7.2	U	
56-23-5	Carbon tetrachloride	ND	52	12.	U	
78-87-5	1,2-Dichloropropane	ND	52	6.5	U	
124-48-1	Dibromochloromethane	ND	52	7.2	U	
79-00-5	1,1,2-Trichloroethane	ND	52	14.	U	
127-18-4	Tetrachloroethene	13000	26	10.		
108-90-7	Chlorobenzene	ND	26	6.6	U	R
75-69-4	Trichlorofluoromethane	ND	210	36.	U	
107-06-2	1,2-Dichloroethane	ND	52	13.	U	
71-55-6	1,1,1-Trichloroethane	ND	26	8.6	U	
75-27-4	Bromodichloromethane	ND	26	5.6	U	
10061-02-6	trans-1,3-Dichloropropene	ND	52	14.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	26	8.2	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.65	0.21	U	
563-58-6	1,1-Dichloropropene	ND	26	8.2	U	
75-25-2	Bromoform	ND	210	13.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	26	8.6	U	
71-43-2	Benzene	ND	26	8.6	U	
108-88-3	Toluene	ND	52	28.	U	
100-41-4	Ethylbenzene	ND	52	7.3	U	
74-87-3	Chloromethane	ND	210	48.	U	
74-83-9	Bromomethane	ND	100	30.	U	
75-01-4	Vinyl chloride	ND	52	17.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N06	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	52	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	78	7.1	U
79-01-6	Trichloroethene	12	26	7.1	J
95-50-1	1,2-Dichlorobenzene	ND	100	7.5	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.7	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.9	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	29.	U
95-47-6	o-Xylene	ND	52	15.	U
1330-20-7	Xylenes, Total	ND	1.3	0.38	U
156-59-2	cis-1,2-Dichloroethene	ND	52	9.1	U
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.18	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	52	10.	U
75-71-8	Dichlorodifluoromethane	ND	520	47.	U
67-64-1	Acetone	ND	520	250	U
75-15-0	Carbon disulfide	ND	520	240	U
78-93-3	2-Butanone	ND	520	120	U
108-05-4	Vinyl acetate	ND	520	110	U
108-10-1	4-Methyl-2-pentanone	ND	520	66.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.6	U
591-78-6	2-Hexanone	ND	520	61.	U
74-97-5	Bromochloromethane	ND	100	11.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N06	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	52	14.	U	R
142-28-9	1,3-Dichloropropane	ND	100	8.6	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	26	6.8	U	
108-86-1	Bromobenzene	ND	100	7.5	U	
104-51-8	n-Butylbenzene	ND	52	8.6	U	
135-98-8	sec-Butylbenzene	ND	52	7.6	U	
98-06-6	tert-Butylbenzene	ND	100	6.1	U	
95-49-8	o-Chlorotoluene	ND	100	9.9	U	
106-43-4	p-Chlorotoluene	ND	100	5.6	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	52.	U	
87-68-3	Hexachlorobutadiene	ND	210	8.8	U	
98-82-8	Isopropylbenzene	ND	52	5.6	U	
99-87-6	p-Isopropyltoluene	ND	52	5.6	U	
91-20-3	Naphthalene	ND	210	34.	U	
107-13-1	Acrylonitrile	ND	210	60.	U	
103-65-1	n-Propylbenzene	ND	52	8.9	U	
87-61-6	1,2,3-Trichlorobenzene	ND	100	17.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	100	10.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U	
123-91-1	1,4-Dioxane	ND	4100	1800	U	
105-05-5	p-Diethylbenzene	ND	100	9.2	U	
622-96-8	p-Ethyltoluene	ND	100	20.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.9	U	
60-29-7	Ethyl ether	ND	100	18.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-02	Date Collected	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N06	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	260	74.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-02	**Date Collected**	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 23:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V17190813N06	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-02	**Date Collected**	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 13:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V17190813D06	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D07	Instrument ID	: VOA117
Sample Amount	: 7.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.1	1.9	U	
75-34-3	1,1-Dichloroethane	ND	0.82	0.12	U	
67-66-3	Chloroform	ND	1.2	0.12	U	
56-23-5	Carbon tetrachloride	ND	0.82	0.19	U	
78-87-5	1,2-Dichloropropane	ND	0.82	0.10	U	
124-48-1	Dibromochloromethane	ND	0.82	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.82	0.22	U	
127-18-4	Tetrachloroethene	1200	0.41	0.16	E	R
108-90-7	Chlorobenzene	ND	0.41	0.10	U	
75-69-4	Trichlorofluoromethane	ND	3.3	0.57	U	
107-06-2	1,2-Dichloroethane	ND	0.82	0.21	U	
71-55-6	1,1,1-Trichloroethane	ND	0.41	0.14	U	
75-27-4	Bromodichloromethane	ND	0.41	0.09	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.82	0.22	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.41	0.13	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.41	0.13	U	
563-58-6	1,1-Dichloropropene	ND	0.41	0.13	U	
75-25-2	Bromoform	ND	3.3	0.20	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.41	0.14	U	
71-43-2	Benzene	ND	0.41	0.14	U	
108-88-3	Toluene	ND	0.82	0.45	U	
100-41-4	Ethylbenzene	ND	0.82	0.12	U	
74-87-3	Chloromethane	ND	3.3	0.77	U	
74-83-9	Bromomethane	ND	1.6	0.48	U	UJ
75-01-4	Vinyl chloride	14	0.82	0.28		

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D07	Instrument ID	: VOA117
Sample Amount	: 7.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.6	0.37	U
75-35-4	1,1-Dichloroethene	ND	0.82	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.25	1.2	0.11	J
79-01-6	Trichloroethene	220	0.41	0.11	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.6	0.16	U
179601-23-1	p/m-Xylene	ND	1.6	0.46	U
95-47-6	o-Xylene	ND	0.82	0.24	U
1330-20-7	Xylenes, Total	ND	0.82	0.24	U
156-59-2	cis-1,2-Dichloroethene	240	0.82	0.14	
540-59-0	1,2-Dichloroethene, Total	240	0.82	0.11	J
74-95-3	Dibromomethane	ND	1.6	0.20	U
100-42-5	Styrene	ND	0.82	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.2	0.75	U
67-64-1	Acetone	47	8.2	4.0	
75-15-0	Carbon disulfide	ND	8.2	3.7	U
78-93-3	2-Butanone	6.0	8.2	1.8	J
108-05-4	Vinyl acetate	ND	8.2	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.2	1.0	U
96-18-4	1,2,3-Trichloropropane	7.9	1.6	0.10	
591-78-6	2-Hexanone	ND	8.2	0.97	U
74-97-5	Bromochloromethane	ND	1.6	0.17	U
594-20-7	2,2-Dichloropropane	ND	1.6	0.17	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D07	Instrument ID	: VOA117
Sample Amount	: 7.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.82	0.23	U	
142-28-9	1,3-Dichloropropane	ND	1.6	0.14	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.41	0.11	U	
108-86-1	Bromobenzene	ND	1.6	0.12	U	
104-51-8	n-Butylbenzene	20	0.82	0.14		
135-98-8	sec-Butylbenzene	21	0.82	0.12		
98-06-6	tert-Butylbenzene	0.43	1.6	0.10	J	
95-49-8	o-Chlorotoluene	ND	1.6	0.16	U	
106-43-4	p-Chlorotoluene	ND	1.6	0.09	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.82	U	
87-68-3	Hexachlorobutadiene	ND	3.3	0.14	U	
98-82-8	Isopropylbenzene	10	0.82	0.09		
99-87-6	p-Isopropyltoluene	ND	0.82	0.09	U	
91-20-3	Naphthalene	ND	3.3	0.53	U	
107-13-1	Acrylonitrile	ND	3.3	0.94	U	
103-65-1	n-Propylbenzene	35	0.82	0.14		
87-61-6	1,2,3-Trichlorobenzene	ND	1.6	0.26	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	0.22	U	
108-67-8	1,3,5-Trimethylbenzene	120	1.6	0.16		
95-63-6	1,2,4-Trimethylbenzene	23	1.6	0.27		
123-91-1	1,4-Dioxane	ND	66	29.	U	R
105-05-5	p-Diethylbenzene	130	1.6	0.14		
622-96-8	p-Ethyltoluene	ND	1.6	0.32	U	
95-93-2	1,2,4,5-Tetramethylbenzene	11	1.6	0.16		
60-29-7	Ethyl ether	ND	1.6	0.28	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D07	Instrument ID	: VOA117
Sample Amount	: 7.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.1	1.2	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	R
75-34-3	1,1-Dichloroethane	ND	57	8.3	U	
67-66-3	Chloroform	ND	86	8.0	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.1	U	
124-48-1	Dibromochloromethane	ND	57	8.0	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	8600	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	R
75-69-4	Trichlorofluoromethane	ND	230	40.	U	
107-06-2	1,2-Dichloroethane	ND	57	15.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.5	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.41	0.13	U	
563-58-6	1,1-Dichloropropene	ND	28	9.1	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.5	U	
71-43-2	Benzene	ND	28	9.5	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.1	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	110	26.	U
75-35-4	1,1-Dichloroethene	ND	57	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	86	7.8	U
79-01-6	Trichloroethene	150	28	7.8	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	ND	110	32.	U
95-47-6	o-Xylene	ND	57	17.	U
1330-20-7	Xylenes, Total	ND	0.82	0.24	U
156-59-2	cis-1,2-Dichloroethene	130	57	10.	
540-59-0	1,2-Dichloroethene, Total	130	0.82	0.11	
74-95-3	Dibromomethane	ND	110	14.	U
100-42-5	Styrene	ND	57	11.	U
75-71-8	Dichlorodifluoromethane	ND	570	52.	U
67-64-1	Acetone	ND	570	280	U
75-15-0	Carbon disulfide	ND	570	260	U
78-93-3	2-Butanone	ND	570	130	U
108-05-4	Vinyl acetate	ND	570	120	U
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U
591-78-6	2-Hexanone	ND	570	67.	U
74-97-5	Bromochloromethane	ND	110	12.	U
594-20-7	2,2-Dichloropropane	ND	110	12.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	57	16.	U
142-28-9	1,3-Dichloropropane	ND	110	9.5	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U
108-86-1	Bromobenzene	ND	110	8.3	U
104-51-8	n-Butylbenzene	ND	57	9.5	U
135-98-8	sec-Butylbenzene	ND	57	8.3	U
98-06-6	tert-Butylbenzene	ND	110	6.7	U
95-49-8	o-Chlorotoluene	ND	110	11.	U
106-43-4	p-Chlorotoluene	ND	110	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U
87-68-3	Hexachlorobutadiene	ND	230	9.7	U
98-82-8	Isopropylbenzene	ND	57	6.2	U
99-87-6	p-Isopropyltoluene	ND	57	6.2	U
91-20-3	Naphthalene	ND	230	37.	U
107-13-1	Acrylonitrile	ND	230	66.	U
103-65-1	n-Propylbenzene	ND	57	9.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U
108-67-8	1,3,5-Trimethylbenzene	11	110	11.	J
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U
123-91-1	1,4-Dioxane	ND	4600	2000	U
105-05-5	p-Diethylbenzene	10	110	10.	J
622-96-8	p-Ethyltoluene	ND	110	22.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U
60-29-7	Ethyl ether	ND	110	19.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 23:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V17190813N07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	81.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D07	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 86
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 7

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Benzene	11.77	17	J
	Unknown Benzene	12.19	4.92	J
	Unknown Benzene	12.53	16.4	J
	Unknown Aromatic	12.83	7.5	J
	Unknown Benzene	12.90	7.64	J
	Unknown Benzene	12.99	10	J
	Total TIC Compounds		63.5J	J

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-03	**Date Collected**	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 23:33
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V17190813N07	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 86
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			R

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-04	Date Collected	: 08/07/19 08:10
Client ID	: SB-24 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D08	Instrument ID	: VOA117
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.5	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.89	0.13	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.89	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.89	0.11	U
124-48-1	Dibromochloromethane	ND	0.89	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.89	0.24	U
127-18-4	Tetrachloroethene	92	0.45	0.17	
108-90-7	Chlorobenzene	ND	0.45	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.6	0.62	U
107-06-2	1,2-Dichloroethane	ND	0.89	0.23	U
71-55-6	1,1,1-Trichloroethane	ND	0.45	0.15	U
75-27-4	Bromodichloromethane	ND	0.45	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.89	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.45	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.45	0.14	U
563-58-6	1,1-Dichloropropene	ND	0.45	0.14	U
75-25-2	Bromoform	ND	3.6	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.45	0.15	U
71-43-2	Benzene	ND	0.45	0.15	U
108-88-3	Toluene	ND	0.89	0.48	U
100-41-4	Ethylbenzene	ND	0.89	0.12	U
74-87-3	Chloromethane	ND	3.6	0.83	U
74-83-9	Bromomethane	ND	1.8	0.52	U UJ
75-01-4	Vinyl chloride	ND	0.89	0.30	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-04	Date Collected	: 08/07/19 08:10
Client ID	: SB-24 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D08	Instrument ID	: VOA117
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.8	0.40	U
75-35-4	1,1-Dichloroethene	ND	0.89	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	0.27	0.45	0.12	J
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.50	U
95-47-6	o-Xylene	ND	0.89	0.26	U
1330-20-7	Xylenes, Total	ND	0.89	0.26	U
156-59-2	cis-1,2-Dichloroethene	0.24	0.89	0.16	J
540-59-0	1,2-Dichloroethene, Total	0.24	0.89	0.12	J
74-95-3	Dibromomethane	ND	1.8	0.21	U
100-42-5	Styrene	ND	0.89	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.9	0.82	U
67-64-1	Acetone	ND	8.9	4.3	U
75-15-0	Carbon disulfide	ND	8.9	4.1	U
78-93-3	2-Butanone	ND	8.9	2.0	U
108-05-4	Vinyl acetate	ND	8.9	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.9	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U
591-78-6	2-Hexanone	ND	8.9	1.0	U
74-97-5	Bromochloromethane	ND	1.8	0.18	U
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-04	Date Collected	: 08/07/19 08:10
Client ID	: SB-24 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D08	Instrument ID	: VOA117
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.89	0.25	U	
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.45	0.12	U	
108-86-1	Bromobenzene	ND	1.8	0.13	U	
104-51-8	n-Butylbenzene	ND	0.89	0.15	U	
135-98-8	sec-Butylbenzene	ND	0.89	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U	
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.89	U	
87-68-3	Hexachlorobutadiene	ND	3.6	0.15	U	
98-82-8	Isopropylbenzene	ND	0.89	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.89	0.10	U	
91-20-3	Naphthalene	ND	3.6	0.58	U	
107-13-1	Acrylonitrile	ND	3.6	1.0	U	
103-65-1	n-Propylbenzene	ND	0.89	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.29	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.30	U	
123-91-1	1,4-Dioxane	ND	71	31.	U	R
105-05-5	p-Diethylbenzene	0.18	1.8	0.16	J	
622-96-8	p-Ethyltoluene	ND	1.8	0.34	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.8	0.17	U	
60-29-7	Ethyl ether	ND	1.8	0.30	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-04	Date Collected	: 08/07/19 08:10
Client ID	: SB-24 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/13/19 14:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17190813D08	Instrument ID	: VOA117
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.5	1.3	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-04	**Date Collected**	: 08/07/19 08:10
Client ID	: SB-24 (8-8.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/13/19 14:33
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V17190813D08	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 99
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-05D	Date Collected	: 08/07/19 08:50
Client ID	: SB-24 (21-21.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:02
Sample Matrix	: SOIL	Dilution Factor	: 20000
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17190814A16	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	6800000	3100000	U	
75-34-3	1,1-Dichloroethane	ND	1400000	200000	U	
67-66-3	Chloroform	ND	2000000	190000	U	
56-23-5	Carbon tetrachloride	ND	1400000	310000	U	UJ
78-87-5	1,2-Dichloropropane	ND	1400000	170000	U	
124-48-1	Dibromochloromethane	ND	1400000	190000	U	
79-00-5	1,1,2-Trichloroethane	ND	1400000	360000	U	
127-18-4	Tetrachloroethene	340000000	680000	270000		J
108-90-7	Chlorobenzene	ND	680000	170000	U	
75-69-4	Trichlorofluoromethane	ND	5400000	950000	U	
107-06-2	1,2-Dichloroethane	ND	1400000	350000	U	
71-55-6	1,1,1-Trichloroethane	470000	680000	230000	J	
75-27-4	Bromodichloromethane	ND	680000	150000	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1400000	370000	U	
10061-01-5	cis-1,3-Dichloropropene	ND	680000	220000	U	
542-75-6	1,3-Dichloropropene, Total	ND	680000	220000	U	
563-58-6	1,1-Dichloropropene	ND	680000	220000	U	
75-25-2	Bromoform	ND	5400000	340000	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	680000	230000	U	
71-43-2	Benzene	ND	680000	230000	U	UJ
108-88-3	Toluene	ND	1400000	740000	U	
100-41-4	Ethylbenzene	ND	1400000	190000	U	
74-87-3	Chloromethane	ND	5400000	1300000	U	
74-83-9	Bromomethane	ND	2700000	790000	U	
75-01-4	Vinyl chloride	ND	1400000	460000	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-05D	Date Collected	: 08/07/19 08:50
Client ID	: SB-24 (21-21.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:02
Sample Matrix	: SOIL	Dilution Factor	: 20000
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17190814A16	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2700000	620000	U
75-35-4	1,1-Dichloroethene	ND	1400000	320000	U
156-60-5	trans-1,2-Dichloroethene	ND	2000000	190000	U
79-01-6	Trichloroethene	830000	680000	190000	J
95-50-1	1,2-Dichlorobenzene	ND	2700000	200000	U
541-73-1	1,3-Dichlorobenzene	ND	2700000	200000	U
106-46-7	1,4-Dichlorobenzene	ND	2700000	230000	U
1634-04-4	Methyl tert butyl ether	ND	2700000	270000	U
179601-23-1	p/m-Xylene	ND	2700000	760000	U
95-47-6	o-Xylene	ND	1400000	400000	U
1330-20-7	Xylenes, Total	ND	1400000	400000	U
156-59-2	cis-1,2-Dichloroethene	500000	1400000	240000	J
540-59-0	1,2-Dichloroethene, Total	500000	1400000	190000	J
74-95-3	Dibromomethane	ND	2700000	320000	U
100-42-5	Styrene	ND	1400000	270000	U
75-71-8	Dichlorodifluoromethane	ND	1400000	1200000	U
67-64-1	Acetone	ND	1400000	6600000	U
75-15-0	Carbon disulfide	ND	1400000	6200000	U
78-93-3	2-Butanone	ND	1400000	3000000	U
108-05-4	Vinyl acetate	ND	1400000	2900000	U
108-10-1	4-Methyl-2-pentanone	ND	1400000	1700000	U
96-18-4	1,2,3-Trichloropropane	ND	2700000	170000	U
591-78-6	2-Hexanone	ND	1400000	1600000	U
74-97-5	Bromochloromethane	ND	2700000	280000	U
594-20-7	2,2-Dichloropropane	ND	2700000	280000	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-05D	Date Collected	: 08/07/19 08:50
Client ID	: SB-24 (21-21.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:02
Sample Matrix	: SOIL	Dilution Factor	: 20000
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17190814A16	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1400000	380000	U	
142-28-9	1,3-Dichloropropane	ND	2700000	230000	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	680000	180000	U	
108-86-1	Bromobenzene	ND	2700000	200000	U	
104-51-8	n-Butylbenzene	ND	1400000	230000	U	
135-98-8	sec-Butylbenzene	ND	1400000	200000	U	
98-06-6	tert-Butylbenzene	ND	2700000	160000	U	
95-49-8	o-Chlorotoluene	ND	2700000	260000	U	
106-43-4	p-Chlorotoluene	ND	2700000	150000	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4100000	1400000	U	
87-68-3	Hexachlorobutadiene	ND	5400000	230000	U	
98-82-8	Isopropylbenzene	ND	1400000	150000	U	
99-87-6	p-Isopropyltoluene	ND	1400000	150000	U	
91-20-3	Naphthalene	ND	5400000	890000	U	
107-13-1	Acrylonitrile	ND	5400000	1600000	U	
103-65-1	n-Propylbenzene	ND	1400000	230000	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2700000	440000	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2700000	370000	U	
108-67-8	1,3,5-Trimethylbenzene	380000	2700000	260000	J	
95-63-6	1,2,4-Trimethylbenzene	520000	2700000	460000	J	
123-91-1	1,4-Dioxane	ND	1100000	48000000	U	R
105-05-5	p-Diethylbenzene	ND	2700000	240000	U	
622-96-8	p-Ethyltoluene	600000	2700000	520000	J	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2700000	260000	U	
60-29-7	Ethyl ether	ND	2700000	460000	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-05D	Date Collected	: 08/07/19 08:50
Client ID	: SB-24 (21-21.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/14/19 15:02
Sample Matrix	: SOIL	Dilution Factor	: 20000
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17190814A16	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	6800000	1900000	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-05D	**Date Collected**	: 08/07/19 08:50
Client ID	: SB-24 (21-21.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/14/19 15:02
Sample Matrix	: SOIL	**Dilution Factor**	: 20000
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V17190814A16	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 78
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.000005 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-06	Date Collected	: 07/15/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 14:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A21	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-06	Date Collected	: 07/15/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 14:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A21	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.1	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-06	Date Collected	: 07/15/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 14:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A21	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-06	Date Collected	: 07/15/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 14:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A21	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-06	Date Collected	: 07/15/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/12/19 14:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MM
Lab File ID	: VQ190812A21	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
001066-40-6	Silanol, trimethyl-	5.25	10	NJ
	Total TIC Compounds		10.0J	J

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Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-02	**Date Collected**	: 08/07/19 08:01
Client ID	: SB-24 (3.5-4)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/10/19 10:06
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1270921.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 96
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**95.7**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-03	Date Collected	: 08/07/19 08:30
Client ID	: SB-24 (13-14)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	86.4	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1935982-04	Date Collected	: 08/07/19 08:10
Client ID	: SB-24 (8-8.5)	Date Received	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 99
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	98.8	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1935982
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1935982-05	**Date Collected**	: 08/07/19 08:50
Client ID	: SB-24 (21-21.5)	**Date Received**	: 08/09/19
Sample Location	: 11-35 31ST DRIVE, QUEENS, NY	**Date Analyzed**	: 08/10/19 10:06
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1270921.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 78
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**77.9**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1935982
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1270921-1	Date Collected	: 08/08/19 10:30
Client ID	: WG1270921-1 DUP	Date Received	: 08/08/19
Sample Location	:	Date Analyzed	: 08/10/19 10:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1270921.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 87
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	85.9	0.100	NA	

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ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1935982-02 and -03 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.

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: Report Date: 08/14/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 1

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha L1935982

RECEIVED DATE: ~~8/9/19~~ BN 8/10/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie De la Fuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: JdelaFuente@impactenvironmental.com

Project Information

Project Name: 31st Drive
Street: 11-35 31st Drive
City: Queens **State:** NY **Zip:**
Project #: 11845
Sampler's Name: Leif Robertson
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL VOC's + TIC's	(LAB USE ONLY)
01	1 Field Blank-EQ-10	11845	L	-	8/7	730	3		X	X									X	
02	2 SB-24 (3.5-4)	11845	S	G		801	4		X		X								X	
03	3 SB-24 (13-14)	11845	S	G		830	4		X		X								X	
04	4 SB-24 (8-8.5)	11845	S	G		810	4		X		X								X	
05	5 SB-24 (21-21.5)	11845	S	G		850	4		X		X								X	
06	6 Trip Blank	11845	L	G			2		X										X	
	7																			
	8																			
	9																			
	10																			

Matrix Codes
L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type
G=Grab
C=Composite
B=Blank

Turnaround Time (Business Days)

Standard Service
☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service
☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☒ Other Cat B Deliverable
☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* Frozen 8/7 13:30

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		8/9/19 4:30pm				
2					8/9/19 21:00	8/9/19 2248
3		8/10/2035				
4					8/10/19	03:15
5						

COOLER INFORMATION
Cooler Temp: pH: ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL AND GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1929855

Sampling Date: July 9, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc (EOPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive

SDG #: L1929855

Client: Impact Environmental

Date: August 23, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide /PCB	TAL Metals	Hex Cr CN
SB-19 (0-2)	L1929855-01	Soil	X	X	X	X	X	X
SB-19 (9.5-10)	L1929855-02	Soil	X	X	X	X	X	X
SB-19 (22-22.5)	L1929855-03	Soil	X					
SB-20 (0-2)	L1929855-04	Soil	X	X	X	X	X	X
SB-20 (9.5-10)	L1929855-05	Soil	X	X	X	X	X	X
SB-20 (26-26.5)	L1929855-06	Soil	X					
SB-21 (0-2)	L1929855-07	Soil	X	X	X	X	X	X
SB-21 (9.5-10)	L1929855-08	Soil	X	X	X	X	X	X
SB-20 (13.5-14)	L1929855-09	Soil	X					
SB-20 (19-19.5)	L1929855-10	Soil	X					
FIELD BLANK-EQ-8	L1929855-12	Aqueous	X	X	X	X	X	X

The data packages contained ten (10) soil samples and one (1) field blank. The samples were analyzed via Method SW-846 8260C, 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7040A, 7041B, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, laboratory duplicates, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present. A Trip blank sample was listed on the COC; however, no sample containers were received. Tentatively identified compounds (TICs) were reported for VOCs or SVOCs as requested on the COC.

Holding Time: Holding times were within acceptable criterion for all samples.

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Q
L1929855-01, L1929855-03, L1929855-07	Acetone	U
L1929855-07	Bis(2-ethylhexyl)phthlate	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1929855-01, L1929855-02, L1929855-03, L1929855-07, L1929855-08, L1929855-10	Chloromethane, Bromomethane, Vinyl chloride, Ethyl ether, Acetone, Bromoform, 1,2-Dibromo-3-chloropropane	UJ, J
L1929855-04, L1929855-05, L1929855-09	Chloromethane, Bromomethane, Chloroethane, Ethyl ether, Acetone, trans 1,4-dichloro-2-butene, 4-Methyl-2-pentanone, Trichlorofluoromethane, 2-Hexanone	UJ
L1929855-06	Dichlorodifluoromethane, Vinyl chloride, Bromomethane, Chloroethane, Ethyl ether, Trichlorofluoromethane, Bromochloromethane, Carbon tetrachloride, Dibromomethane, Bromoform, 1,2-Dibromo-3-chloropropane, Hexachlorobutadiene, Naphthalene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene	UJ
L1929855-01, L1929855-02, L1929855-04, L1929855-05, L1929855-07, L1929855-08	2,4-Dinitrophenol	UJ
L1929855-01, L1929855-02, L1929855-03, L1929855-04, L1929855-05, L1929855-06, L1929855-07, L1929855-08 L1929855-09, L1929855-10	1,4-Dioxane	R
L1929855-01, L1929855-02, L1929855-04, L1929855-05, L1929855-07, L1929855-08	Methoxychlor	UJ

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate: The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1929855-04, L1929855-05, L1929855-06, L1929855-09	Trichlorofluoromethane, Bromomethane	UJ
L1929855-06	Ethyl ether	UJ
L1929855-02, L L1929855-08, 1929855-10	Acetone	J
L1929855-01, L1929855-02, L1929855-04, L1929855-05, L1929855-07, L1929855-08	Cyanide	UJ

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. Inorganic data were acceptable.

Laboratory Duplicate: All results were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The cis-1,2-Dichloroethene result for L1929855-10 should be considered estimated (R) due to exceeding the calibration range in the low level analysis. The cis-1,2-Dichloroethene result for L1929855-10 should be used in the high level analyses; while all other results are rejected (R). All tentatively identified compounds (TICs) are considered “tentatively identified” and are estimated (NJ).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.98	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U	
124-48-1	Dibromochloromethane	ND	0.98	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U	
127-18-4	Tetrachloroethene	15	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U	
75-25-2	Bromoform	ND	3.9	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.98	0.53	U	
100-41-4	Ethylbenzene	ND	0.98	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.91	U	UJ
74-83-9	Bromomethane	1.1	2.0	0.57	J	J
75-01-4	Vinyl chloride	ND	0.98	0.33	U	UJ

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.44	U	
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U	
79-01-6	Trichloroethene	ND	0.49	0.13	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.55	U	
95-47-6	o-Xylene	ND	0.98	0.28	U	
1330-20-7	Xylenes, Total	ND	0.98	0.28	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U	
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U	
74-95-3	Dibromomethane	ND	2.0	0.23	U	
100-42-5	Styrene	ND	0.98	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.8	0.89	U	
67-64-1	Acetone	7.5	9.8	4.7	J	9.8U
75-15-0	Carbon disulfide	ND	9.8	4.4	U	
78-93-3	2-Butanone	ND	9.8	2.2	U	
108-05-4	Vinyl acetate	ND	9.8	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.2	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U	
591-78-6	2-Hexanone	ND	9.8	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.98	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.98	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U	
98-82-8	Isopropylbenzene	ND	0.98	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.64	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.98	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	78	34.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.17	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.33	U	UJ

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

DLM 8/17/19

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 91
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000141-78-6	Ethyl Acetate	5.05	19.4	NJ
	Total TIC Compounds		19.4J	J

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.3	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.86	0.12	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.86	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.86	0.11	U
124-48-1	Dibromochloromethane	ND	0.86	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.86	0.23	U
127-18-4	Tetrachloroethene	34	0.43	0.17	
108-90-7	Chlorobenzene	ND	0.43	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.5	0.60	U
107-06-2	1,2-Dichloroethane	ND	0.86	0.22	U
71-55-6	1,1,1-Trichloroethane	ND	0.43	0.14	U
75-27-4	Bromodichloromethane	ND	0.43	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.86	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.43	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.43	0.14	U
563-58-6	1,1-Dichloropropene	ND	0.43	0.14	U
75-25-2	Bromoform	ND	3.5	0.21	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.43	0.14	U
71-43-2	Benzene	ND	0.43	0.14	U
108-88-3	Toluene	ND	0.86	0.47	U
100-41-4	Ethylbenzene	ND	0.86	0.12	U
74-87-3	Chloromethane	ND	3.5	0.81	U UJ
74-83-9	Bromomethane	ND	1.7	0.50	U UJ
75-01-4	Vinyl chloride	ND	0.86	0.29	U UJ

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.7	0.39	U
75-35-4	1,1-Dichloroethene	ND	0.86	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	ND	0.43	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.48	U
95-47-6	o-Xylene	ND	0.86	0.25	U
1330-20-7	Xylenes, Total	ND	0.86	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.15	U
540-59-0	1,2-Dichloroethene, Total	ND	0.86	0.12	U
74-95-3	Dibromomethane	ND	1.7	0.21	U
100-42-5	Styrene	ND	0.86	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.6	0.79	U
67-64-1	Acetone	36	8.6	4.2	J
75-15-0	Carbon disulfide	ND	8.6	3.9	U
78-93-3	2-Butanone	ND	8.6	1.9	U
108-05-4	Vinyl acetate	ND	8.6	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.6	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.7	0.11	U
591-78-6	2-Hexanone	ND	8.6	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.18	U
594-20-7	2,2-Dichloropropane	ND	1.7	0.17	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.86	0.24	U	
142-28-9	1,3-Dichloropropane	ND	1.7	0.14	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.43	0.11	U	
108-86-1	Bromobenzene	ND	1.7	0.12	U	
104-51-8	n-Butylbenzene	ND	0.86	0.14	U	
135-98-8	sec-Butylbenzene	ND	0.86	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.7	0.16	U	
106-43-4	p-Chlorotoluene	ND	1.7	0.09	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.86	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U	
98-82-8	Isopropylbenzene	ND	0.86	0.09	U	
99-87-6	p-Isopropyltoluene	ND	0.86	0.09	U	
91-20-3	Naphthalene	ND	3.5	0.56	U	
107-13-1	Acrylonitrile	ND	3.5	1.0	U	
103-65-1	n-Propylbenzene	ND	0.86	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.28	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.29	U	
123-91-1	1,4-Dioxane	ND	69	30.	U	R
105-05-5	p-Diethylbenzene	ND	1.7	0.15	U	
622-96-8	p-Ethyltoluene	ND	1.7	0.33	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.7	0.16	U	
60-29-7	Ethyl ether	ND	1.7	0.30	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.3	1.2	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.62	7.24	J
	Unknown	4.87	1.88	J
000141-78-6	Ethyl Acetate	5.06	11.9	NJ
	Total TIC Compounds		21.0J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	93	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.70	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	UJ
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	1.2	0.51	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	3.9	1.0	0.18	
540-59-0	1,2-Dichloroethene, Total	3.9	1.0	0.14	
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U
67-64-1	Acetone	24	10	4.9	24U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-03	**Date Collected**	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V10190715N08	**Instrument ID**	: VOA110
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 84
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.61	8.63	J
000141-78-6	Ethyl Acetate	5.06	9.05	NJ
	Total TIC Compounds		17.7J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	290	130	U	
75-34-3	1,1-Dichloroethane	ND	57	8.3	U	
67-66-3	Chloroform	ND	86	8.0	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.2	U	
124-48-1	Dibromochloromethane	ND	57	8.0	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	1400	29	11.		
108-90-7	Chlorobenzene	ND	29	7.3	U	
75-69-4	Trichlorofluoromethane	ND	230	40.	U	UJ
107-06-2	1,2-Dichloroethane	ND	57	15.	U	
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U	
75-27-4	Bromodichloromethane	ND	29	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	29	9.0	U	
563-58-6	1,1-Dichloropropene	ND	29	9.1	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U	
71-43-2	Benzene	ND	29	9.5	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.1	U	
74-87-3	Chloromethane	ND	230	53.	U	UJ
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	UJ
75-35-4	1,1-Dichloroethene	ND	57	14.	U	
156-60-5	trans-1,2-Dichloroethene	ND	86	7.8	U	
79-01-6	Trichloroethene	ND	29	7.8	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U	
1634-04-4	Methyl tert butyl ether	ND	110	12.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	17.	U	
1330-20-7	Xylenes, Total	ND	57	17.	U	
156-59-2	cis-1,2-Dichloroethene	ND	57	10.	U	
540-59-0	1,2-Dichloroethene, Total	ND	57	7.8	U	
74-95-3	Dibromomethane	ND	110	14.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	280	U	UJ
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	130	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	110	7.3	U	
591-78-6	2-Hexanone	ND	570	68.	U	UJ
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	57	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.6	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U	
108-86-1	Bromobenzene	ND	110	8.3	U	
104-51-8	n-Butylbenzene	ND	57	9.6	U	
135-98-8	sec-Butylbenzene	ND	57	8.4	U	
98-06-6	tert-Butylbenzene	ND	110	6.8	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.2	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.7	U	
98-82-8	Isopropylbenzene	ND	57	6.2	U	
99-87-6	p-Isopropyltoluene	ND	57	6.2	U	
91-20-3	Naphthalene	41	230	37.	J	
107-13-1	Acrylonitrile	ND	230	66.	U	
103-65-1	n-Propylbenzene	ND	57	9.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4600	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	20.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	81.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-04	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N10	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	360	160	U	
75-34-3	1,1-Dichloroethane	ND	71	10.	U	
67-66-3	Chloroform	ND	110	10.	U	
56-23-5	Carbon tetrachloride	ND	71	16.	U	
78-87-5	1,2-Dichloropropane	ND	71	8.9	U	
124-48-1	Dibromochloromethane	ND	71	10.	U	
79-00-5	1,1,2-Trichloroethane	ND	71	19.	U	
127-18-4	Tetrachloroethene	4100	36	14.		
108-90-7	Chlorobenzene	ND	36	9.1	U	
75-69-4	Trichlorofluoromethane	ND	280	50.	U	UJ
107-06-2	1,2-Dichloroethane	ND	71	18.	U	
71-55-6	1,1,1-Trichloroethane	ND	36	12.	U	
75-27-4	Bromodichloromethane	ND	36	7.8	U	
10061-02-6	trans-1,3-Dichloropropene	ND	71	20.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	36	11.	U	
542-75-6	1,3-Dichloropropene, Total	ND	36	11.	U	
563-58-6	1,1-Dichloropropene	ND	36	11.	U	
75-25-2	Bromoform	ND	280	18.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	36	12.	U	
71-43-2	Benzene	ND	36	12.	U	
108-88-3	Toluene	ND	71	39.	U	
100-41-4	Ethylbenzene	ND	71	10.	U	
74-87-3	Chloromethane	ND	280	67.	U	UJ
74-83-9	Bromomethane	ND	140	42.	U	UJ
75-01-4	Vinyl chloride	ND	71	24.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	140	32.	U	UJ
75-35-4	1,1-Dichloroethene	ND	71	17.	U	
156-60-5	trans-1,2-Dichloroethene	ND	110	9.8	U	
79-01-6	Trichloroethene	ND	36	9.8	U	
95-50-1	1,2-Dichlorobenzene	ND	140	10.	U	
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U	
106-46-7	1,4-Dichlorobenzene	ND	140	12.	U	
1634-04-4	Methyl tert butyl ether	ND	140	14.	U	
179601-23-1	p/m-Xylene	ND	140	40.	U	
95-47-6	o-Xylene	ND	71	21.	U	
1330-20-7	Xylenes, Total	ND	71	21.	U	
156-59-2	cis-1,2-Dichloroethene	ND	71	12.	U	
540-59-0	1,2-Dichloroethene, Total	ND	71	9.8	U	
74-95-3	Dibromomethane	ND	140	17.	U	
100-42-5	Styrene	ND	71	14.	U	
75-71-8	Dichlorodifluoromethane	ND	710	65.	U	
67-64-1	Acetone	ND	710	340	U	UJ
75-15-0	Carbon disulfide	ND	710	320	U	
78-93-3	2-Butanone	ND	710	160	U	
108-05-4	Vinyl acetate	ND	710	150	U	
108-10-1	4-Methyl-2-pentanone	ND	710	92.	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	140	9.1	U	
591-78-6	2-Hexanone	ND	710	84.	U	UJ
74-97-5	Bromochloromethane	ND	140	15.	U	
594-20-7	2,2-Dichloropropane	ND	140	14.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	71	20.	U	
142-28-9	1,3-Dichloropropane	ND	140	12.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	36	9.4	U	
108-86-1	Bromobenzene	ND	140	10.	U	
104-51-8	n-Butylbenzene	ND	71	12.	U	
135-98-8	sec-Butylbenzene	ND	71	10.	U	
98-06-6	tert-Butylbenzene	ND	140	8.4	U	
95-49-8	o-Chlorotoluene	ND	140	14.	U	
106-43-4	p-Chlorotoluene	ND	140	7.7	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	71.	U	
87-68-3	Hexachlorobutadiene	ND	280	12.	U	
98-82-8	Isopropylbenzene	ND	71	7.8	U	
99-87-6	p-Isopropyltoluene	ND	71	7.8	U	
91-20-3	Naphthalene	ND	280	46.	U	
107-13-1	Acrylonitrile	ND	280	82.	U	
103-65-1	n-Propylbenzene	ND	71	12.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	140	23.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	140	14.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	140	24.	U	
123-91-1	1,4-Dioxane	ND	5700	2500	U	R
105-05-5	p-Diethylbenzene	ND	140	13.	U	
622-96-8	p-Ethyltoluene	ND	140	27.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	140	14.	U	
60-29-7	Ethyl ether	ND	140	24.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	360	100	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-05	**Date Collected**	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N11	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 86
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	320	150	U	
75-34-3	1,1-Dichloroethane	ND	65	9.4	U	
67-66-3	Chloroform	ND	97	9.1	U	
56-23-5	Carbon tetrachloride	ND	65	15.	U	UJ
78-87-5	1,2-Dichloropropane	ND	65	8.1	U	
124-48-1	Dibromochloromethane	ND	65	9.1	U	
79-00-5	1,1,2-Trichloroethane	ND	65	17.	U	
127-18-4	Tetrachloroethene	7700	32	13.		
108-90-7	Chlorobenzene	ND	32	8.2	U	
75-69-4	Trichlorofluoromethane	ND	260	45.	U	UJ
107-06-2	1,2-Dichloroethane	ND	65	17.	U	
71-55-6	1,1,1-Trichloroethane	ND	32	11.	U	
75-27-4	Bromodichloromethane	ND	32	7.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	65	18.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	32	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	32	10.	U	
563-58-6	1,1-Dichloropropene	ND	32	10.	U	
75-25-2	Bromoform	ND	260	16.	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	32	11.	U	
71-43-2	Benzene	ND	32	11.	U	
108-88-3	Toluene	ND	65	35.	U	
100-41-4	Ethylbenzene	ND	65	9.1	U	
74-87-3	Chloromethane	ND	260	60.	U	
74-83-9	Bromomethane	ND	130	38.	U	UJ
75-01-4	Vinyl chloride	ND	65	22.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	29.	U	UJ
75-35-4	1,1-Dichloroethene	ND	65	15.	U	
156-60-5	trans-1,2-Dichloroethene	ND	97	8.9	U	
79-01-6	Trichloroethene	22	32	8.9	J	
95-50-1	1,2-Dichlorobenzene	ND	130	9.3	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.6	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	36.	U	
95-47-6	o-Xylene	ND	65	19.	U	
1330-20-7	Xylenes, Total	ND	65	19.	U	
156-59-2	cis-1,2-Dichloroethene	ND	65	11.	U	
540-59-0	1,2-Dichloroethene, Total	ND	65	8.9	U	
74-95-3	Dibromomethane	ND	130	15.	U	UJ
100-42-5	Styrene	ND	65	13.	U	
75-71-8	Dichlorodifluoromethane	ND	650	59.	U	UJ
67-64-1	Acetone	ND	650	310	U	
75-15-0	Carbon disulfide	ND	650	300	U	
78-93-3	2-Butanone	ND	650	140	U	
108-05-4	Vinyl acetate	ND	650	140	U	
108-10-1	4-Methyl-2-pentanone	ND	650	83.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.2	U	
591-78-6	2-Hexanone	ND	650	76.	U	
74-97-5	Bromochloromethane	ND	130	13.	U	UJ
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	65	18.	U
142-28-9	1,3-Dichloropropane	ND	130	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	32	8.6	U
108-86-1	Bromobenzene	ND	130	9.4	U
104-51-8	n-Butylbenzene	ND	65	11.	U
135-98-8	sec-Butylbenzene	ND	65	9.5	U
98-06-6	tert-Butylbenzene	ND	130	7.6	U
95-49-8	o-Chlorotoluene	ND	130	12.	U
106-43-4	p-Chlorotoluene	ND	130	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	65.	U UJ
87-68-3	Hexachlorobutadiene	ND	260	11.	U UJ
98-82-8	Isopropylbenzene	ND	65	7.1	U
99-87-6	p-Isopropyltoluene	ND	65	7.1	U
91-20-3	Naphthalene	ND	260	42.	U UJ
107-13-1	Acrylonitrile	ND	260	75.	U
103-65-1	n-Propylbenzene	ND	65	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U UJ
108-67-8	1,3,5-Trimethylbenzene	ND	130	12.	U
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U
123-91-1	1,4-Dioxane	ND	5200	2300	U R
105-05-5	p-Diethylbenzene	ND	130	11.	U
622-96-8	p-Ethyltoluene	ND	130	25.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	12.	U
60-29-7	Ethyl ether	ND	130	22.	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	320	92.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 80
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	36	0.51	0.20	
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.72	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.56	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.1	0.96	U UJ
74-83-9	Bromomethane	ND	2.0	0.60	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.18	U
1634-04-4	Methyl tert butyl ether	0.42	2.0	0.21	J
179601-23-1	p/m-Xylene	ND	2.0	0.58	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	10	10	5.0	10U
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.21	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.14	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.67	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	82	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.20	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 99
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.98	0.23	U	
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U	
124-48-1	Dibromochloromethane	ND	0.98	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U	
127-18-4	Tetrachloroethene	90	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U	
75-25-2	Bromoform	ND	3.9	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.98	0.53	U	
100-41-4	Ethylbenzene	ND	0.98	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.92	U	UJ
74-83-9	Bromomethane	ND	2.0	0.57	U	UJ
75-01-4	Vinyl chloride	ND	0.98	0.33	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U
79-01-6	Trichloroethene	0.17	0.49	0.13	J
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.55	U
95-47-6	o-Xylene	ND	0.98	0.29	U
1330-20-7	Xylenes, Total	ND	0.98	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U
74-95-3	Dibromomethane	ND	2.0	0.23	U
100-42-5	Styrene	ND	0.98	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.8	0.90	U
67-64-1	Acetone	21	9.8	4.7	J
75-15-0	Carbon disulfide	ND	9.8	4.5	U
78-93-3	2-Butanone	ND	9.8	2.2	U
108-05-4	Vinyl acetate	ND	9.8	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U
591-78-6	2-Hexanone	ND	9.8	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.98	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.98	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.9	0.17	U	
98-82-8	Isopropylbenzene	ND	0.98	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.64	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.98	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	79	34.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.17	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 94
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 5

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.61	10.4	J
	Unknown	4.45	5.47	J
000141-78-6	Ethyl Acetate	5.06	4.74	NJ
	Unknown	6.45	7.92	J
	Total TIC Compounds		28.5J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	160	71.	U	
75-34-3	1,1-Dichloroethane	ND	31	4.5	U	
67-66-3	Chloroform	ND	47	4.4	U	
56-23-5	Carbon tetrachloride	ND	31	7.2	U	
78-87-5	1,2-Dichloropropane	ND	31	3.9	U	
124-48-1	Dibromochloromethane	ND	31	4.4	U	
79-00-5	1,1,2-Trichloroethane	ND	31	8.3	U	
127-18-4	Tetrachloroethene	1900	16	6.1		
108-90-7	Chlorobenzene	ND	16	3.9	U	
75-69-4	Trichlorofluoromethane	ND	120	22.	U	UJ
107-06-2	1,2-Dichloroethane	ND	31	8.0	U	
71-55-6	1,1,1-Trichloroethane	ND	16	5.2	U	
75-27-4	Bromodichloromethane	ND	16	3.4	U	
10061-02-6	trans-1,3-Dichloropropene	ND	31	8.5	U	
10061-01-5	cis-1,3-Dichloropropene	ND	16	4.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	16	4.9	U	
563-58-6	1,1-Dichloropropene	ND	16	4.9	U	
75-25-2	Bromoform	ND	120	7.6	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	16	5.2	U	
71-43-2	Benzene	ND	16	5.2	U	
108-88-3	Toluene	ND	31	17.	U	
100-41-4	Ethylbenzene	ND	31	4.4	U	
74-87-3	Chloromethane	ND	120	29.	U	UJ
74-83-9	Bromomethane	ND	62	18.	U	UJ
75-01-4	Vinyl chloride	ND	31	10.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	62	14.	U	UJ
75-35-4	1,1-Dichloroethene	ND	31	7.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	47	4.2	U	
79-01-6	Trichloroethene	50	16	4.2		
95-50-1	1,2-Dichlorobenzene	ND	62	4.5	U	
541-73-1	1,3-Dichlorobenzene	ND	62	4.6	U	
106-46-7	1,4-Dichlorobenzene	ND	62	5.3	U	
1634-04-4	Methyl tert butyl ether	ND	62	6.2	U	
179601-23-1	p/m-Xylene	ND	62	17.	U	
95-47-6	o-Xylene	ND	31	9.0	U	
1330-20-7	Xylenes, Total	ND	31	9.0	U	
156-59-2	cis-1,2-Dichloroethene	12	31	5.4	J	
540-59-0	1,2-Dichloroethene, Total	12	31	4.2	J	
74-95-3	Dibromomethane	ND	62	7.4	U	
100-42-5	Styrene	ND	31	6.1	U	
75-71-8	Dichlorodifluoromethane	ND	310	28.	U	
67-64-1	Acetone	ND	310	150	U	UJ
75-15-0	Carbon disulfide	ND	310	140	U	
78-93-3	2-Butanone	ND	310	69.	U	
108-05-4	Vinyl acetate	ND	310	67.	U	
108-10-1	4-Methyl-2-pentanone	ND	310	40.	U	
96-18-4	1,2,3-Trichloropropane	29	62	3.9	J	
591-78-6	2-Hexanone	ND	310	37.	U	UJ
74-97-5	Bromochloromethane	ND	62	6.4	U	
594-20-7	2,2-Dichloropropane	ND	62	6.3	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	31	8.7	U	
142-28-9	1,3-Dichloropropane	ND	62	5.2	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	16	4.1	U	
108-86-1	Bromobenzene	ND	62	4.5	U	
104-51-8	n-Butylbenzene	430	31	5.2		
135-98-8	sec-Butylbenzene	320	31	4.5		
98-06-6	tert-Butylbenzene	3.7	62	3.7	J	
95-49-8	o-Chlorotoluene	ND	62	5.9	U	
106-43-4	p-Chlorotoluene	ND	62	3.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	93	31.	U	
87-68-3	Hexachlorobutadiene	ND	120	5.2	U	
98-82-8	Isopropylbenzene	8.3	31	3.4	J	
99-87-6	p-Isopropyltoluene	200	31	3.4		
91-20-3	Naphthalene	ND	120	20.	U	
107-13-1	Acrylonitrile	ND	120	36.	U	
103-65-1	n-Propylbenzene	55	31	5.3		
87-61-6	1,2,3-Trichlorobenzene	ND	62	10.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	62	8.4	U	
108-67-8	1,3,5-Trimethylbenzene	460	62	6.0		
95-63-6	1,2,4-Trimethylbenzene	260	62	10.		
123-91-1	1,4-Dioxane	ND	2500	1100	U	R
105-05-5	p-Diethylbenzene	3900	62	5.5		
622-96-8	p-Ethyltoluene	450	62	12.		
95-93-2	1,2,4,5-Tetramethylbenzene	240	62	5.9		
60-29-7	Ethyl ether	ND	62	11.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	160	44.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 88
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 16

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	9.01	383	J
	Unknown Alkane	10.35	361	J
	Unknown Alkane	10.74	476	J
017301-94-9	Nonane, 4-methyl-	10.78	414	NJ
	Unknown Alkane	10.94	432	J
	Unknown Alkane	11.65	311	J
002847-72-5	Decane, 4-methyl-	11.69	581	NJ
	Unknown	11.77	710	J
013151-34-3	Decane, 3-methyl-	12.28	446	NJ
	Unknown Benzene	12.53	858	J
	Unknown Benzene	12.57	4060	J
	Unknown Aromatic	12.83	924	J
	Unknown Benzene	12.91	1460	J
	Unknown Benzene	12.99	1610	J
	Unknown	13.10	523	J
	Total TIC Compounds		13500J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	2.2	1.0	0.15		
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	120	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	UJ
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	22	1.0	0.34		UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.46	U	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.24		
156-60-5	trans-1,2-Dichloroethene	5.1	1.5	0.14		
79-01-6	Trichloroethene	36	0.51	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.57	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	860	1.0	0.18	E	R
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U	
67-64-1	Acetone	31	10	4.9		J
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	380	290	130	R
75-34-3	1,1-Dichloroethane	ND	57	8.3	U
67-66-3	Chloroform	ND	86	8.0	U
56-23-5	Carbon tetrachloride	ND	57	13.	U
78-87-5	1,2-Dichloropropane	ND	57	7.2	U
124-48-1	Dibromochloromethane	ND	57	8.0	U
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U
127-18-4	Tetrachloroethene	290	29	11.	
108-90-7	Chlorobenzene	ND	29	7.3	U
75-69-4	Trichlorofluoromethane	ND	230	40.	U
107-06-2	1,2-Dichloroethane	ND	57	15.	U
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U
75-27-4	Bromodichloromethane	ND	29	6.2	U
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.1	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	29	9.1	U
75-25-2	Bromoform	ND	230	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U
71-43-2	Benzene	ND	29	9.5	U
108-88-3	Toluene	ND	57	31.	U
100-41-4	Ethylbenzene	ND	57	8.1	U
74-87-3	Chloromethane	ND	230	54.	U
74-83-9	Bromomethane	ND	110	33.	U
75-01-4	Vinyl chloride	37	57	19.	J

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	R
75-35-4	1,1-Dichloroethene	ND	57	14.	U	
156-60-5	trans-1,2-Dichloroethene	16	86	7.9	J	
79-01-6	Trichloroethene	97	29	7.9		
95-50-1	1,2-Dichlorobenzene	ND	110	8.3	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U	
1634-04-4	Methyl tert butyl ether	ND	110	12.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	17.	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	2600	57	10.		
540-59-0	1,2-Dichloroethene, Total	2600	1.5	0.14	J	R
74-95-3	Dibromomethane	ND	110	14.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	280	U	
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	130	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.3	U	
591-78-6	2-Hexanone	ND	570	68.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	57	16.	U
142-28-9	1,3-Dichloropropane	ND	110	9.6	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U
108-86-1	Bromobenzene	ND	110	8.3	U
104-51-8	n-Butylbenzene	ND	57	9.6	U
135-98-8	sec-Butylbenzene	ND	57	8.4	U
98-06-6	tert-Butylbenzene	ND	110	6.8	U
95-49-8	o-Chlorotoluene	ND	110	11.	U
106-43-4	p-Chlorotoluene	ND	110	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U
87-68-3	Hexachlorobutadiene	ND	230	9.7	U
98-82-8	Isopropylbenzene	ND	57	6.2	U
99-87-6	p-Isopropyltoluene	ND	57	6.2	U
91-20-3	Naphthalene	ND	230	37.	U
107-13-1	Acrylonitrile	ND	230	66.	U
103-65-1	n-Propylbenzene	ND	57	9.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U
123-91-1	1,4-Dioxane	ND	4600	2000	U
105-05-5	p-Diethylbenzene	ND	110	10.	U
622-96-8	p-Ethyltoluene	ND	110	22.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U
60-29-7	Ethyl ether	ND	110	20.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	82.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-12	**Date Collected**	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/12/19 17:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190712A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	ND	110	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	18.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	41.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	67.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	83.	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	460	86.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	580	180	U
100-51-6	Benzyl Alcohol	ND	180	55.	U
86-74-8	Carbazole	ND	180	17.	U
123-91-1	1,4-Dioxane	ND	27	8.2	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-01	**Date Collected**	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 16:18
Sample Matrix	: SOIL	**Date Extracted**	: 07/14/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 29855-01	**Analyst**	: RC
Sample Amount	: 30.63 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	31.	U	
88-74-4	2-Nitroaniline	ND	170	33.	U	
99-09-2	3-Nitroaniline	ND	170	32.	U	
100-01-6	4-Nitroaniline	ND	170	71.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	200	21.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U	
98-86-2	Acetophenone	ND	170	21.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U	
59-50-7	p-Chloro-m-cresol	ND	170	26.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	150	28.	U	
105-67-9	2,4-Dimethylphenol	ND	170	57.	U	
88-75-5	2-Nitrophenol	ND	370	64.	U	
100-02-7	4-Nitrophenol	ND	240	70.	U	
51-28-5	2,4-Dinitrophenol	ND	820	80.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	82.	U	
87-86-5	Pentachlorophenol	ND	140	38.	U	
108-95-2	Phenol	ND	170	26.	U	
95-48-7	2-Methylphenol	ND	170	27.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-02	**Date Collected**	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 16:43
Sample Matrix	: SOIL	**Date Extracted**	: 07/14/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 29855-02	**Analyst**	: RC
Sample Amount	: 30.16 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	190	22.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
95-50-1	1,2-Dichlorobenzene	ND	190	34.	U
541-73-1	1,3-Dichlorobenzene	ND	190	33.	U
106-46-7	1,4-Dichlorobenzene	ND	190	34.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	150	23.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	ND	120	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	45.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	190	35.	U	
88-74-4	2-Nitroaniline	ND	190	37.	U	
99-09-2	3-Nitroaniline	ND	190	36.	U	
100-01-6	4-Nitroaniline	ND	190	80.	U	
132-64-9	Dibenzofuran	ND	190	18.	U	
91-57-6	2-Methylnaphthalene	ND	230	23.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U	
98-86-2	Acetophenone	ND	190	24.	U	
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U	
59-50-7	p-Chloro-m-cresol	ND	190	29.	U	
95-57-8	2-Chlorophenol	ND	190	23.	U	
120-83-2	2,4-Dichlorophenol	ND	170	31.	U	
105-67-9	2,4-Dimethylphenol	ND	190	63.	U	
88-75-5	2-Nitrophenol	ND	420	72.	U	
100-02-7	4-Nitrophenol	ND	270	78.	U	
51-28-5	2,4-Dinitrophenol	ND	920	90.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U	
87-86-5	Pentachlorophenol	ND	150	42.	U	
108-95-2	Phenol	ND	190	29.	U	
95-48-7	2-Methylphenol	ND	190	30.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U	
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	620	190	U
100-51-6	Benzyl Alcohol	ND	190	59.	U
86-74-8	Carbazole	ND	190	19.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	170	16.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	29.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	44.	U
121-14-2	2,4-Dinitrotoluene	ND	170	33.	U
606-20-2	2,6-Dinitrotoluene	ND	170	28.	U
206-44-0	Fluoranthene	760	100	19.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	23	170	20.	J
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	130	19.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	85	170	58.	J	170U
85-68-7	Butyl benzyl phthalate	ND	170	42.	U	
84-74-2	Di-n-butylphthalate	ND	170	32.	U	
117-84-0	Di-n-octylphthalate	ND	170	57.	U	
84-66-2	Diethyl phthalate	ND	170	15.	U	
131-11-3	Dimethyl phthalate	ND	170	35.	U	
56-55-3	Benzo(a)anthracene	560	100	19.		
50-32-8	Benzo(a)pyrene	790	130	41.		
205-99-2	Benzo(b)fluoranthene	950	100	28.		
207-08-9	Benzo(k)fluoranthene	310	100	27.		
218-01-9	Chrysene	600	100	17.		
208-96-8	Acenaphthylene	97	130	26.	J	
120-12-7	Anthracene	67	100	32.	J	
191-24-2	Benzo(ghi)perylene	520	130	20.		
86-73-7	Fluorene	ND	170	16.	U	
85-01-8	Phenanthrene	150	100	20.		
53-70-3	Dibenzo(a,h)anthracene	120	100	19.		
193-39-5	Indeno(1,2,3-cd)pyrene	550	130	23.		
129-00-0	Pyrene	850	100	16.		
92-52-4	Biphenyl	ND	380	39.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	30.	U	
88-74-4	2-Nitroaniline	ND	170	32.	U	
99-09-2	3-Nitroaniline	ND	170	31.	U	
100-01-6	4-Nitroaniline	ND	170	69.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	200	20.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	17.	U	
98-86-2	Acetophenone	ND	170	21.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U	
59-50-7	p-Chloro-m-cresol	ND	170	25.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	150	27.	U	
105-67-9	2,4-Dimethylphenol	ND	170	55.	U	
88-75-5	2-Nitrophenol	ND	360	63.	U	
100-02-7	4-Nitrophenol	ND	230	68.	U	
51-28-5	2,4-Dinitrophenol	ND	800	78.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U	
87-86-5	Pentachlorophenol	ND	130	37.	U	
108-95-2	Phenol	ND	170	25.	U	
95-48-7	2-Methylphenol	ND	170	26.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	540	170	U
100-51-6	Benzyl Alcohol	ND	170	51.	U
86-74-8	Carbazole	26	170	16.	J
123-91-1	1,4-Dioxane	ND	25	7.7	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 12

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.20	134	J
	Unknown	2.61	140	J
000127-18-4	Tetrachloroethylene	2.73	12700	NJ
	Unknown	9.86	152	J
	Unknown	11.59	136	J
	Unknown PAH	13.57	209	J
	Unknown PAH	13.82	581	J
	Unknown PAH	15.44	225	J
	Unknown PAH	15.77	160	J
	Unknown PAH	17.61	160	J
	Unknown PAH	18.13	175	J
	Total TIC Compounds		14800J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	32.	U	
88-74-4	2-Nitroaniline	ND	170	34.	U	
99-09-2	3-Nitroaniline	ND	170	33.	U	
100-01-6	4-Nitroaniline	ND	170	72.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	210	21.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U	
98-86-2	Acetophenone	ND	170	22.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U	
59-50-7	p-Chloro-m-cresol	ND	170	26.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	160	28.	U	
105-67-9	2,4-Dimethylphenol	ND	170	57.	U	
88-75-5	2-Nitrophenol	ND	380	65.	U	
100-02-7	4-Nitrophenol	ND	240	71.	U	
51-28-5	2,4-Dinitrophenol	ND	830	81.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U	
87-86-5	Pentachlorophenol	ND	140	38.	U	
108-95-2	Phenol	ND	170	26.	U	
95-48-7	2-Methylphenol	ND	170	27.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	0.84	5.0	0.38	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 6

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.38	140	J
	Aldol Condensates	1.82	309	J
	Unknown Alcohol	2.86	21.4	J
	Unknown	12.91	1.93	J
	Unknown	13.78	2.04	J
	Total TIC Compounds		474J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/14/19 01:55
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1258945-1	Date Collected	: NA
Client ID	: WG1258945-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/19 12:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 258945-1	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 20:23
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191913	Analyst	: MA
Sample Amount	: 5.505 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.96	2.03	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 21:34
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191916	Analyst	: MA
Sample Amount	: 5.693 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.27	1.85	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 21:58
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191917	Analyst	: MA
Sample Amount	: 5.389 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.72	1.97	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191918	Analyst	: MA
Sample Amount	: 5.789 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	26.5	8.08	2.06	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 22:43
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191919	Analyst	: MA
Sample Amount	: 5.88 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	6.86	1.75	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 23:06
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191920	Analyst	: MA
Sample Amount	: 5.958 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	5.68	7.14	1.82	J

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 21:44
Sample Matrix	: WATER	Date Extracted	: 07/10/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207111940	Analyst	: MA
Sample Amount	: 270 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 23:03
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-39	Analyst	: WR
Sample Amount	: 15.61 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.1	3.12	U
11104-28-2	Aroclor 1221	ND	35.1	3.52	U
11141-16-5	Aroclor 1232	ND	35.1	7.44	U
53469-21-9	Aroclor 1242	ND	35.1	4.73	U
12672-29-6	Aroclor 1248	ND	35.1	5.26	U
11097-69-1	Aroclor 1254	ND	35.1	3.84	U
11096-82-5	Aroclor 1260	ND	35.1	6.48	U
37324-23-5	Aroclor 1262	ND	35.1	4.46	U
11100-14-4	Aroclor 1268	ND	35.1	3.63	U
1336-36-3	PCBs, Total	ND	35.1	3.12	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:40
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-52	Analyst	: WR
Sample Amount	: 15.78 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.29	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	ND	32.8	4.92	U
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
37324-23-5	Aroclor 1262	ND	32.8	4.16	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U
1336-36-3	PCBs, Total	ND	32.8	2.91	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:52
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-53	Analyst	: WR
Sample Amount	: 15.54 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.4	2.97	U
11104-28-2	Aroclor 1221	ND	33.4	3.35	U
11141-16-5	Aroclor 1232	ND	33.4	7.09	U
53469-21-9	Aroclor 1242	ND	33.4	4.51	U
12672-29-6	Aroclor 1248	ND	33.4	5.02	U
11097-69-1	Aroclor 1254	ND	33.4	3.66	U
11096-82-5	Aroclor 1260	ND	33.4	6.18	U
37324-23-5	Aroclor 1262	ND	33.4	4.25	U
11100-14-4	Aroclor 1268	ND	33.4	3.46	U
1336-36-3	PCBs, Total	ND	33.4	2.97	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:24
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-54	Analyst	: WR
Sample Amount	: 15.29 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	38.2	3.40	U
11104-28-2	Aroclor 1221	ND	38.2	3.83	U
11141-16-5	Aroclor 1232	ND	38.2	8.11	U
53469-21-9	Aroclor 1242	ND	38.2	5.16	U
12672-29-6	Aroclor 1248	ND	38.2	5.74	U
11097-69-1	Aroclor 1254	ND	38.2	4.18	U
11096-82-5	Aroclor 1260	ND	38.2	7.07	U
37324-23-5	Aroclor 1262	ND	38.2	4.86	U
11100-14-4	Aroclor 1268	ND	38.2	3.96	U
1336-36-3	PCBs, Total	ND	38.2	3.40	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:36
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-55	Analyst	: WR
Sample Amount	: 15.38 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.29	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	ND	32.8	4.92	U
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
37324-23-5	Aroclor 1262	ND	32.8	4.17	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:36
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-55	Analyst	: WR
Sample Amount	: 15.38 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
1336-36-3	PCBs, Total	ND	32.8	2.91	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:48
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-56	Analyst	: WR
Sample Amount	: 15.16 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.1	3.12	U
11104-28-2	Aroclor 1221	ND	35.1	3.52	U
11141-16-5	Aroclor 1232	ND	35.1	7.44	U
53469-21-9	Aroclor 1242	ND	35.1	4.73	U
12672-29-6	Aroclor 1248	ND	35.1	5.26	U
11097-69-1	Aroclor 1254	ND	35.1	3.84	U
11096-82-5	Aroclor 1260	ND	35.1	6.48	U
37324-23-5	Aroclor 1262	ND	35.1	4.46	U
11100-14-4	Aroclor 1268	ND	35.1	3.63	U
1336-36-3	PCBs, Total	ND	35.1	3.12	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/13/19 12:14
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190713a-09	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:57
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-18	Analyst	: BM
Sample Amount	: 15.13 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.74	0.340	U
58-89-9	Lindane	ND	0.724	0.324	U
319-84-6	Alpha-BHC	ND	0.724	0.206	U
319-85-7	Beta-BHC	ND	1.74	0.659	U
76-44-8	Heptachlor	ND	0.869	0.389	U
309-00-2	Aldrin	ND	1.74	0.612	U
1024-57-3	Heptachlor epoxide	ND	3.26	0.977	U
72-20-8	Endrin	ND	0.724	0.297	U
7421-93-4	Endrin aldehyde	ND	2.17	0.760	U
53494-70-5	Endrin ketone	ND	1.74	0.447	U
60-57-1	Dieldrin	ND	1.08	0.543	U
72-55-9	4,4'-DDE	ND	1.74	0.402	U
72-54-8	4,4'-DDD	ND	1.74	0.620	U
50-29-3	4,4'-DDT	ND	3.26	1.40	U
959-98-8	Endosulfan I	ND	1.74	0.410	U
33213-65-9	Endosulfan II	ND	1.74	0.580	U
1031-07-8	Endosulfan sulfate	ND	0.724	0.344	U
72-43-5	Methoxychlor	ND	3.26	1.01	U UJ
8001-35-2	Toxaphene	ND	32.6	9.12	U
5103-71-9	cis-Chlordane	ND	2.17	0.605	U
5103-74-2	trans-Chlordane	ND	2.17	0.573	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:57
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-18	Analyst	: BM
Sample Amount	: 15.13 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.1	5.76	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:00
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-09	Analyst	: BM
Sample Amount	: 15.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.311	U
58-89-9	Lindane	ND	0.662	0.296	U
319-84-6	Alpha-BHC	ND	0.662	0.188	U
319-85-7	Beta-BHC	ND	1.59	0.603	U
76-44-8	Heptachlor	ND	0.795	0.356	U
309-00-2	Aldrin	ND	1.59	0.560	U
1024-57-3	Heptachlor epoxide	ND	2.98	0.894	U
72-20-8	Endrin	ND	0.662	0.272	U
7421-93-4	Endrin aldehyde	ND	1.99	0.695	U
53494-70-5	Endrin ketone	ND	1.59	0.409	U
60-57-1	Dieldrin	ND	0.993	0.497	U
72-55-9	4,4'-DDE	ND	1.59	0.368	U
72-54-8	4,4'-DDD	ND	1.59	0.567	U
50-29-3	4,4'-DDT	ND	2.98	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.376	U
33213-65-9	Endosulfan II	ND	1.59	0.531	U
1031-07-8	Endosulfan sulfate	ND	0.662	0.315	U
72-43-5	Methoxychlor	ND	2.98	0.927	U UJ
8001-35-2	Toxaphene	ND	29.8	8.34	U
5103-71-9	cis-Chlordane	ND	1.99	0.554	U
5103-74-2	trans-Chlordane	ND	1.99	0.524	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:00
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-09	Analyst	: BM
Sample Amount	: 15.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	12.9	5.26	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:13
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-10	Analyst	: BM
Sample Amount	: 15.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.312	U
58-89-9	Lindane	ND	0.664	0.297	U
319-84-6	Alpha-BHC	ND	0.664	0.189	U
319-85-7	Beta-BHC	ND	1.59	0.604	U
76-44-8	Heptachlor	ND	0.797	0.357	U
309-00-2	Aldrin	ND	1.59	0.561	U
1024-57-3	Heptachlor epoxide	ND	2.99	0.897	U
72-20-8	Endrin	ND	0.664	0.272	U
7421-93-4	Endrin aldehyde	ND	1.99	0.697	U
53494-70-5	Endrin ketone	ND	1.59	0.410	U
60-57-1	Dieldrin	ND	0.996	0.498	U
72-55-9	4,4'-DDE	ND	1.59	0.369	U
72-54-8	4,4'-DDD	ND	1.59	0.568	U
50-29-3	4,4'-DDT	ND	2.99	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.377	U
33213-65-9	Endosulfan II	ND	1.59	0.533	U
1031-07-8	Endosulfan sulfate	ND	0.664	0.316	U
72-43-5	Methoxychlor	ND	2.99	0.930	U UJ
8001-35-2	Toxaphene	ND	29.9	8.37	U
5103-71-9	cis-Chlordane	ND	1.99	0.555	U
5103-74-2	trans-Chlordane	ND	1.99	0.526	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:13
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-10	Analyst	: BM
Sample Amount	: 15.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.28	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:26
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-11	Analyst	: BM
Sample Amount	: 15.47 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.81	0.355	U
58-89-9	Lindane	ND	0.756	0.338	U
319-84-6	Alpha-BHC	ND	0.756	0.215	U
319-85-7	Beta-BHC	ND	1.81	0.688	U
76-44-8	Heptachlor	ND	0.907	0.407	U
309-00-2	Aldrin	ND	1.81	0.639	U
1024-57-3	Heptachlor epoxide	ND	3.40	1.02	U
72-20-8	Endrin	ND	0.756	0.310	U
7421-93-4	Endrin aldehyde	ND	2.27	0.794	U
53494-70-5	Endrin ketone	ND	1.81	0.467	U
60-57-1	Dieldrin	ND	1.13	0.567	U
72-55-9	4,4'-DDE	ND	1.81	0.420	U
72-54-8	4,4'-DDD	ND	1.81	0.647	U
50-29-3	4,4'-DDT	ND	3.40	1.46	U
959-98-8	Endosulfan I	ND	1.81	0.429	U
33213-65-9	Endosulfan II	ND	1.81	0.606	U
1031-07-8	Endosulfan sulfate	ND	0.756	0.360	U
72-43-5	Methoxychlor	ND	3.40	1.06	U UJ
8001-35-2	Toxaphene	ND	34.0	9.53	U
5103-71-9	cis-Chlordane	ND	2.27	0.632	U
5103-74-2	trans-Chlordane	ND	2.27	0.599	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:26
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-11	Analyst	: BM
Sample Amount	: 15.47 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.7	6.01	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:39
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-12	Analyst	: BM
Sample Amount	: 15.02 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.61	0.316	U
58-89-9	Lindane	ND	0.672	0.300	U
319-84-6	Alpha-BHC	ND	0.672	0.191	U
319-85-7	Beta-BHC	ND	1.61	0.611	U
76-44-8	Heptachlor	ND	0.806	0.361	U
309-00-2	Aldrin	ND	1.61	0.568	U
1024-57-3	Heptachlor epoxide	ND	3.02	0.907	U
72-20-8	Endrin	ND	0.672	0.275	U
7421-93-4	Endrin aldehyde	ND	2.02	0.705	U
53494-70-5	Endrin ketone	ND	1.61	0.415	U
60-57-1	Dieldrin	ND	1.01	0.504	U
72-55-9	4,4'-DDE	17.7	1.61	0.373	IP
72-54-8	4,4'-DDD	ND	1.61	0.575	U
959-98-8	Endosulfan I	ND	1.61	0.381	U
33213-65-9	Endosulfan II	ND	1.61	0.539	U
1031-07-8	Endosulfan sulfate	ND	0.672	0.320	U
72-43-5	Methoxychlor	ND	3.02	0.940	U UJ
8001-35-2	Toxaphene	ND	30.2	8.46	U
5103-71-9	cis-Chlordane	ND	2.02	0.562	U
5103-74-2	trans-Chlordane	ND	2.02	0.532	U
57-74-9	Chlordane	ND	13.1	5.34	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:39
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-12	Analyst	: BM
Sample Amount	: 15.02 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
50-29-3	4,4'-DDT	38.5	3.02	1.30	

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-13	Analyst	: BM
Sample Amount	: 15.62 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.63	0.320	U	
58-89-9	Lindane	ND	0.681	0.304	U	
319-84-6	Alpha-BHC	ND	0.681	0.193	U	
319-85-7	Beta-BHC	ND	1.63	0.620	U	
76-44-8	Heptachlor	ND	0.817	0.366	U	
309-00-2	Aldrin	ND	1.63	0.576	U	
1024-57-3	Heptachlor epoxide	ND	3.06	0.919	U	
72-20-8	Endrin	ND	0.681	0.279	U	
7421-93-4	Endrin aldehyde	ND	2.04	0.715	U	
53494-70-5	Endrin ketone	ND	1.63	0.421	U	
60-57-1	Dieldrin	ND	1.02	0.511	U	
72-55-9	4,4'-DDE	ND	1.63	0.378	U	
72-54-8	4,4'-DDD	ND	1.63	0.583	U	
50-29-3	4,4'-DDT	ND	3.06	1.31	U	
959-98-8	Endosulfan I	ND	1.63	0.386	U	
33213-65-9	Endosulfan II	ND	1.63	0.546	U	
1031-07-8	Endosulfan sulfate	ND	0.681	0.324	U	
72-43-5	Methoxychlor	ND	3.06	0.953	U	UJ
8001-35-2	Toxaphene	ND	30.6	8.58	U	
5103-71-9	cis-Chlordane	ND	2.04	0.569	U	
5103-74-2	trans-Chlordane	ND	2.04	0.539	U	

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-13	Analyst	: BM
Sample Amount	: 15.62 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.3	5.41	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:59
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190716a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:59
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190716a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Form 1
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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:37
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.265g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5630	8.66	2.34	
7440-36-0	Antimony, Total	0.848	4.33	0.329	J
7440-38-2	Arsenic, Total	2.26	0.866	0.180	
7440-39-3	Barium, Total	32.9	0.866	0.151	
7440-41-7	Beryllium, Total	0.251	0.433	0.029	J
7440-43-9	Cadmium, Total	0.372	0.866	0.085	J
7440-70-2	Calcium, Total	35500	8.66	3.03	
7440-47-3	Chromium, Total	13.8	0.866	0.083	
7440-48-4	Cobalt, Total	4.55	1.73	0.144	
7440-50-8	Copper, Total	11.5	0.866	0.223	
7439-89-6	Iron, Total	8910	4.33	0.782	
7439-92-1	Lead, Total	12.6	4.33	0.232	
7439-95-4	Magnesium, Total	3160	8.66	1.33	
7439-96-5	Manganese, Total	186	0.866	0.138	
7440-02-0	Nickel, Total	9.84	2.16	0.210	
7440-09-7	Potassium, Total	768	216	12.5	
7782-49-2	Selenium, Total	0.234	1.73	0.223	J
7440-22-4	Silver, Total	0.485	0.866	0.245	J
7440-23-5	Sodium, Total	384	173	2.73	
7440-28-0	Thallium, Total	ND	1.73	0.273	U
7440-62-2	Vanadium, Total	13.6	0.866	0.176	
7440-66-6	Zinc, Total	27.1	4.33	0.254	

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Form 1
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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:55
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.252g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6550	8.27	2.23	
7440-36-0	Antimony, Total	0.422	4.13	0.314	J
7440-38-2	Arsenic, Total	0.546	0.827	0.172	J
7440-39-3	Barium, Total	45.9	0.827	0.144	
7440-41-7	Beryllium, Total	0.207	0.413	0.027	J
7440-43-9	Cadmium, Total	0.306	0.827	0.081	J
7440-70-2	Calcium, Total	1360	8.27	2.89	
7440-47-3	Chromium, Total	19.0	0.827	0.079	
7440-48-4	Cobalt, Total	7.07	1.65	0.137	
7440-50-8	Copper, Total	16.3	0.827	0.213	
7439-89-6	Iron, Total	10900	4.13	0.747	
7439-92-1	Lead, Total	2.78	4.13	0.222	J
7439-95-4	Magnesium, Total	3560	8.27	1.27	
7439-96-5	Manganese, Total	244	0.827	0.131	
7440-02-0	Nickel, Total	12.0	2.07	0.200	
7440-09-7	Potassium, Total	1550	207	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.827	0.234	U
7440-23-5	Sodium, Total	82.0	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	24.2	0.827	0.168	
7440-66-6	Zinc, Total	28.2	4.13	0.242	

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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:59
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.291g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5410	8.05	2.17	
7440-36-0	Antimony, Total	ND	4.02	0.306	U
7440-38-2	Arsenic, Total	0.539	0.805	0.167	J
7440-39-3	Barium, Total	26.6	0.805	0.140	
7440-41-7	Beryllium, Total	0.153	0.402	0.027	J
7440-43-9	Cadmium, Total	0.242	0.805	0.079	J
7440-70-2	Calcium, Total	1120	8.05	2.82	
7440-47-3	Chromium, Total	14.3	0.805	0.077	
7440-48-4	Cobalt, Total	5.43	1.61	0.134	
7440-50-8	Copper, Total	12.1	0.805	0.208	
7439-89-6	Iron, Total	8440	4.02	0.727	
7439-92-1	Lead, Total	2.26	4.02	0.216	J
7439-95-4	Magnesium, Total	3020	8.05	1.24	
7439-96-5	Manganese, Total	211	0.805	0.128	
7440-02-0	Nickel, Total	11.2	2.01	0.195	
7440-09-7	Potassium, Total	1220	201	11.6	
7782-49-2	Selenium, Total	ND	1.61	0.208	U
7440-22-4	Silver, Total	ND	0.805	0.228	U
7440-23-5	Sodium, Total	60.8	161	2.54	J
7440-28-0	Thallium, Total	ND	1.61	0.254	U
7440-62-2	Vanadium, Total	18.6	0.805	0.163	
7440-66-6	Zinc, Total	20.6	4.02	0.236	

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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:04
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.298g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	7610	9.01	2.43	
7440-36-0	Antimony, Total	0.631	4.50	0.342	J
7440-38-2	Arsenic, Total	0.658	0.901	0.187	J
7440-39-3	Barium, Total	55.8	0.901	0.157	
7440-41-7	Beryllium, Total	0.279	0.450	0.030	J
7440-43-9	Cadmium, Total	0.432	0.901	0.088	J
7440-70-2	Calcium, Total	1130	9.01	3.15	
7440-47-3	Chromium, Total	17.9	0.901	0.087	
7440-48-4	Cobalt, Total	11.0	1.80	0.150	
7440-50-8	Copper, Total	26.5	0.901	0.232	
7439-89-6	Iron, Total	15000	4.50	0.814	
7439-92-1	Lead, Total	3.97	4.50	0.241	J
7439-95-4	Magnesium, Total	4080	9.01	1.39	
7439-96-5	Manganese, Total	428	0.901	0.143	
7440-02-0	Nickel, Total	15.6	2.25	0.218	
7440-09-7	Potassium, Total	2210	225	13.0	
7782-49-2	Selenium, Total	ND	1.80	0.232	U
7440-22-4	Silver, Total	ND	0.901	0.255	U
7440-23-5	Sodium, Total	56.2	180	2.84	J
7440-28-0	Thallium, Total	ND	1.80	0.284	U
7440-62-2	Vanadium, Total	28.1	0.901	0.183	
7440-66-6	Zinc, Total	40.5	4.50	0.264	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.261g	%Solids	: 99
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6320	8.00	2.16	
7440-36-0	Antimony, Total	0.704	4.00	0.304	J
7440-38-2	Arsenic, Total	0.704	0.800	0.166	J
7440-39-3	Barium, Total	51.0	0.800	0.139	
7440-41-7	Beryllium, Total	0.232	0.400	0.026	J
7440-43-9	Cadmium, Total	0.536	0.800	0.078	J
7440-70-2	Calcium, Total	1770	8.00	2.80	
7440-47-3	Chromium, Total	21.2	0.800	0.077	
7440-48-4	Cobalt, Total	17.1	1.60	0.133	
7440-50-8	Copper, Total	48.4	0.800	0.206	
7439-89-6	Iron, Total	18100	4.00	0.723	
7439-92-1	Lead, Total	5.93	4.00	0.214	
7439-95-4	Magnesium, Total	3430	8.00	1.23	
7439-96-5	Manganese, Total	305	0.800	0.127	
7440-02-0	Nickel, Total	22.0	2.00	0.194	
7440-09-7	Potassium, Total	2200	200	11.5	
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.800	0.226	U
7440-23-5	Sodium, Total	61.6	160	2.52	J
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	31.7	0.800	0.162	
7440-66-6	Zinc, Total	43.9	4.00	0.234	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.286g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4900	8.27	2.23	
7440-36-0	Antimony, Total	0.604	4.14	0.314	J
7440-38-2	Arsenic, Total	1.20	0.827	0.172	
7440-39-3	Barium, Total	77.4	0.827	0.144	
7440-41-7	Beryllium, Total	0.132	0.414	0.027	J
7440-43-9	Cadmium, Total	0.323	0.827	0.081	J
7440-70-2	Calcium, Total	12000	8.27	2.90	
7440-47-3	Chromium, Total	18.2	0.827	0.079	
7440-48-4	Cobalt, Total	8.80	1.65	0.137	
7440-50-8	Copper, Total	29.5	0.827	0.213	
7439-89-6	Iron, Total	11000	4.14	0.747	
7439-92-1	Lead, Total	4.17	4.14	0.222	
7439-95-4	Magnesium, Total	7770	8.27	1.27	
7439-96-5	Manganese, Total	165	0.827	0.132	
7440-02-0	Nickel, Total	24.1	2.07	0.200	
7440-09-7	Potassium, Total	2480	207	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.827	0.234	U
7440-23-5	Sodium, Total	79.4	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	26.6	0.827	0.168	
7440-66-6	Zinc, Total	41.3	4.14	0.242	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 10:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1260309.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00059	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00055	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	0.00017	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00039	0.00050	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00838	0.01000	0.00341	J

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 18:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1259918.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.069	0.045	U

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.394g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.043	U

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.397g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.074	0.048	U

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.398g	%Solids	: 99
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.063	0.041	U

DLM 8/17/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.398g	%Solids	: 94
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.067	0.044	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 07/10/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0138g	%Solids	: 91
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.1	0.23	U	UJ

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.03g	%Solids	: 97
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.21	U	UJ

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0066g	%Solids	: 96
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0342g	%Solids	: 86
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.1	0.24	U	UJ

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0479g	%Solids	: 99
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.96	0.20	U	UJ

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0851g	%Solids	: 94
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 05:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: MAC
Lab File ID	: WG1257902.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 07/10/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5373g	%Solids	: 91
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	1.83	0.876	0.175	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5389g	%Solids	: 97
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.828	0.166	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-04	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/11/19 09:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1258329.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.5039g	**%Solids**	: 96
Digestion Method	: EPA 3060A	**Date Digested**	: 07/10/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.177	0.832	0.166	J

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4966g	%Solids	: 86
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.936	0.187	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4996g	%Solids	: 99
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	0.282	0.807	0.161	J

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5127g	%Solids	: 94
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.851	0.170	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 91
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results (%)	RL (%)	MDL (%)	Qualifier
NONE	Solids, Total	91.3	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.6	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	84.3	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	96.2	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	85.5	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	79.8	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 99
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	99.1	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 94
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	94.0	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	87.5	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 85
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	84.7	0.100	NA	

DLM 8/17/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission
July 22, 2019: This final report includes the results of all requested analyses.
July 17, 2019: This is a preliminary report.

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

Sample Receipt
L1929855-11: A sample identified as "TRIP BLANK" was listed on the Chain of Custody, but not received. This was verified by the client.

Volatile Organics
L1929855-10 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Total Metals
L1929855-01, -02, -04, -05, -07 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
L1929855-12: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.
The WG1259940-1 Method Blank, associated with L1929855-12, has a concentration above the reporting limit for thallium. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.
The WG1259338-7/-8 MS/MSD recoveries for aluminum (136%/370%), calcium (1050%/1400%), iron (0%/0%) and manganese (0%/39%), performed on L1929855-01, do not apply because the sample concentrations are

Case Narrative (continued)

greater than four times the spike amounts added.

Cyanide, Total

The WG1258032-3 LCSD recovery (79%), associated with L1929855-01, -02, -04, -05, -07, and -08, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 07/22/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

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 3

Date Rec'd in Lab: 7/10/19

ALPHA Job #: L1929855

Client Information
Client: Impact
Address: 170 Keyland ct
Bohemia
Phone:
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project # 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

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

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:

* Sample SB-19 (0-2) MS/MSD*

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 VOC's +TICs	TCL SVOC's +TICs	TCL Pesticides+PCB	TAL metals +	Cyanide+Hexchromium	1,4 Dioxane			Sample Specific Comments	Total Bottle
29855-01	SB-19 (0-2)	7/9	7:15	S	LR	X	X	X	X	X	X				
-02	SB-19 (9.5-10)	7/9	7:36	S	LR	X	X	X	X	X	X				
-03	SB-19 (22-22.5)	7/9	8:00	S	LR	X									
-04	SB-20 (0-2)	7/9	9:00	S	LR	X	X	X	X	X	X				
-05	SB-20 (9.5-10)	7/9	9:20	S	LR	X	X	X	X	X	X				
-06	SB-20 (26-26.5)	7/9	10:15	S	LR	X									
-07	SB-21 (0-2)	7/9	10:55	S	LR	X	X	X	X	X	X				
-08	SB-21 (9.5-10)	7/9	11:10	S	LR	X	X	X	X	X	X				
-09	SB-21 (13.5-14)	7/9	11:15	S	LR	X									
10	SB-21 (19-19.5)	7/9	11:40	S	LR	X									

Container Type
Preservative

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
	7/9 1500		7/9/19 1530
	7/9/19 2010		7/9 2300
	7/10		7/10/19 0215

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)

NEW JERSEY 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 2 of 3

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: Impact
Address: 170 Keyland Ct.
170 Bohemia
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: I-35 31st Drive
Project # 11545
(Use Project name as Project #) ☐
Project Manager: Julie
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other ~~Red~~ category B

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's + TICs	TCL SVOC's + TICs	TCL Pesticides + PCB	TAL Metals	Cyanide + Hexchromium	1,4 Dioxane			Total Bottle
-11	Trip Blank	7/5	—	L	LR	X	X	X	X	X	X			
-12	Field Blank-EQ-5	7/5	650	L	LR	X	X	X	X	X	X			

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

Sample Specific Comments

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

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

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

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	7/9/19 1500		7/9/19 1530
	7/9/19 2010		
			7/10/19 03:45

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL AND GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1929123

Sampling Date: July 2, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pit tsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive

SDG #: L1929123

Client: Impact Environmental

Date: August 23, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide /PCB	TAL Metals	Hex Cr CN
FIELD BLANK-EQ-7	L1929123-01	Aqueous	X	X	X	X	X	X
SB-17 (9.5-10)	L1929123-02	Soil	X	X	X	X	X	X
SB-17 (25-25.5)	L1929123-03	Soil	X					
SB-18 (0-2)	L1929123-04	Soil	X	X	X	X	X	X
SB-18 (9-9.5)	L1929123-05	Soil	X	X	X	X	X	X
SB-18 (25-25.5)	L1929123-06	Soil	X					
TRIP BLANK	L1929123-07	Aqueous	X					

The data packages contained five (5) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7040A, 7041B, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, laboratory duplicates, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present. The Trip blank sample was listed on the COC for all analyses; however, sample containers were not submitted for all analyses nor are all analyses to be conducted for a trip blank. VOC analysis was performed on the trip blank. Tentatively identified compounds (TICs) were reported for VOCs or SVOCs as requested on the COC.

Holding Time: Holding times were within acceptable criterion for all samples.

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Q
L1929123-04	Beryllium	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1929123-02, L1929123-06	Chloromethane, Acrylonitrile, 2-Hexanone	UJ
L1929123-05	Bromomethane, Chloroethane, Ethyl ether, Acetone, trans 1,4-dichloro-2-butene, Trichlorofluoromethane	UJ
L1929123-03, L1929123-04	Chloromethane, Vinyl chloride, Acetone, Bromoform	UJ, J
L1929123-02, L1929123-03, L1929123-04, L1929123-05, L1929123-06	1,4-Dioxane	R
L1929123-02, L1929123-04	Bis (2-chloroisopropyl) ether	UJ

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate: The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1929123-03, L1929123-05	Trichloroethene	UJ, J
L1929123-05	Bromomethane	UJ
L1929123-03	Acetone	J
L1929123-02, L1929123-04	Phenol	UJ
L1929123-02, L1929123-04, L1929123-05	Cyanide, Hexavalent chromium	UJ, J

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. Inorganic data were acceptable.

Laboratory Duplicate: All results were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene result for L1929123-03 should be considered estimated (R) due to exceeding the calibration range in the low level analysis. The tetrachloroethene result for L1929123-03 should be used in the high level analyses; while all other results are rejected (R). All tentatively identified compounds (TICs) are considered "tentatively identified" and are estimated (NJ).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	6.7	3.1	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U	
67-66-3	Chloroform	ND	2.0	0.19	U	
56-23-5	Carbon tetrachloride	ND	1.3	0.31	U	
78-87-5	1,2-Dichloropropane	ND	1.3	0.17	U	
124-48-1	Dibromochloromethane	ND	1.3	0.19	U	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.36	U	
127-18-4	Tetrachloroethene	110	0.67	0.26		
108-90-7	Chlorobenzene	ND	0.67	0.17	U	
75-69-4	Trichlorofluoromethane	ND	5.4	0.93	U	
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U	
71-55-6	1,1,1-Trichloroethane	ND	0.67	0.22	U	
75-27-4	Bromodichloromethane	ND	0.67	0.15	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.37	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.67	0.21	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.67	0.21	U	
563-58-6	1,1-Dichloropropene	ND	0.67	0.21	U	UJ
75-25-2	Bromoform	ND	5.4	0.33	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.67	0.22	U	
71-43-2	Benzene	0.32	0.67	0.22	J	
108-88-3	Toluene	1.4	1.3	0.73		
100-41-4	Ethylbenzene	ND	1.3	0.19	U	
74-87-3	Chloromethane	ND	5.4	1.2	U	
74-83-9	Bromomethane	ND	2.7	0.78	U	UJ
75-01-4	Vinyl chloride	ND	1.3	0.45	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.7	0.61	U	
75-35-4	1,1-Dichloroethene	ND	1.3	0.32	U	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U	UJ
79-01-6	Trichloroethene	0.25	0.67	0.18	J	
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.19	U	
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U	
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U	
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U	
179601-23-1	p/m-Xylene	ND	2.7	0.75	U	
95-47-6	o-Xylene	ND	1.3	0.39	U	
1330-20-7	Xylenes, Total	ND	1.3	0.39	U	
156-59-2	cis-1,2-Dichloroethene	0.40	1.3	0.23	J	
540-59-0	1,2-Dichloroethene, Total	0.40	1.3	0.18	J	
74-95-3	Dibromomethane	ND	2.7	0.32	U	
100-42-5	Styrene	ND	1.3	0.26	U	
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U	
67-64-1	Acetone	15	13	6.4		U
75-15-0	Carbon disulfide	ND	13	6.1	U	
78-93-3	2-Butanone	ND	13	3.0	U	
108-05-4	Vinyl acetate	ND	13	2.9	U	
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U	
96-18-4	1,2,3-Trichloropropane	ND	2.7	0.17	U	
591-78-6	2-Hexanone	ND	13	1.6	U	
74-97-5	Bromochloromethane	ND	2.7	0.28	U	
594-20-7	2,2-Dichloropropane	ND	2.7	0.27	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.3	0.37	U
142-28-9	1,3-Dichloropropane	ND	2.7	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.67	0.18	U
108-86-1	Bromobenzene	ND	2.7	0.19	U
104-51-8	n-Butylbenzene	ND	1.3	0.22	U
135-98-8	sec-Butylbenzene	ND	1.3	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
95-49-8	o-Chlorotoluene	ND	2.7	0.26	U
106-43-4	p-Chlorotoluene	ND	2.7	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.3	U
87-68-3	Hexachlorobutadiene	ND	5.4	0.23	U
98-82-8	Isopropylbenzene	ND	1.3	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.15	U
91-20-3	Naphthalene	ND	5.4	0.87	U
107-13-1	Acrylonitrile	ND	5.4	1.5	U
103-65-1	n-Propylbenzene	ND	1.3	0.23	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.43	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.36	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.45	U
123-91-1	1,4-Dioxane	ND	110	47.	U R
105-05-5	p-Diethylbenzene	ND	2.7	0.24	U
622-96-8	p-Ethyltoluene	ND	2.7	0.52	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.7	0.26	U
60-29-7	Ethyl ether	ND	2.7	0.46	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.7	1.9	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 92
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.93	28.4	J
	Unknown	3.26	4	J
000141-78-6	Ethyl Acetate	4.64	9.34	NJ
	Total TIC Compounds		41.7J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.4	2.0	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.88	0.13	U	
67-66-3	Chloroform	0.17	1.3	0.12	J	
56-23-5	Carbon tetrachloride	ND	0.88	0.20	U	
78-87-5	1,2-Dichloropropane	ND	0.88	0.11	U	
124-48-1	Dibromochloromethane	ND	0.88	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.88	0.24	U	
127-18-4	Tetrachloroethene	430	0.44	0.17	E	R
108-90-7	Chlorobenzene	ND	0.44	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U	
107-06-2	1,2-Dichloroethane	ND	0.88	0.23	U	
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U	
75-27-4	Bromodichloromethane	ND	0.44	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.88	0.24	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U	
563-58-6	1,1-Dichloropropene	ND	0.44	0.14	U	UJ
75-25-2	Bromoform	ND	3.5	0.22	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U	
71-43-2	Benzene	ND	0.44	0.15	U	
108-88-3	Toluene	ND	0.88	0.48	U	
100-41-4	Ethylbenzene	ND	0.88	0.12	U	
74-87-3	Chloromethane	ND	3.5	0.82	U	
74-83-9	Bromomethane	ND	1.8	0.51	U	UJ
75-01-4	Vinyl chloride	ND	0.88	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.8	0.40	U	
75-35-4	1,1-Dichloroethene	ND	0.88	0.21	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U	UJ
79-01-6	Trichloroethene	1.6	0.44	0.12		
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U	
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U	
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U	
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U	
179601-23-1	p/m-Xylene	ND	1.8	0.49	U	
95-47-6	o-Xylene	ND	0.88	0.26	U	
1330-20-7	Xylenes, Total	ND	0.88	0.26	U	
156-59-2	cis-1,2-Dichloroethene	2.7	0.88	0.15		
540-59-0	1,2-Dichloroethene, Total	2.7	0.88	0.12		
74-95-3	Dibromomethane	ND	1.8	0.21	U	
100-42-5	Styrene	ND	0.88	0.17	U	
75-71-8	Dichlorodifluoromethane	ND	8.8	0.81	U	
67-64-1	Acetone	8.0	8.8	4.2	J	8.8U
75-15-0	Carbon disulfide	ND	8.8	4.0	U	
78-93-3	2-Butanone	ND	8.8	2.0	U	
108-05-4	Vinyl acetate	ND	8.8	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	8.8	1.1	U	
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U	
591-78-6	2-Hexanone	ND	8.8	1.0	U	
74-97-5	Bromochloromethane	ND	1.8	0.18	U	
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U	

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.88	0.25	U	
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.44	0.12	J	
108-86-1	Bromobenzene	ND	1.8	0.13	U	
104-51-8	n-Butylbenzene	ND	0.88	0.15	U	
135-98-8	sec-Butylbenzene	ND	0.88	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U	
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.88	U	
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U	
98-82-8	Isopropylbenzene	ND	0.88	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.88	0.10	U	
91-20-3	Naphthalene	ND	3.5	0.57	U	
107-13-1	Acrylonitrile	ND	3.5	1.0	U	
103-65-1	n-Propylbenzene	ND	0.88	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.28	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.29	U	
123-91-1	1,4-Dioxane	ND	70	31.	U	R
105-05-5	p-Diethylbenzene	ND	1.8	0.16	U	
622-96-8	p-Ethyltoluene	ND	1.8	0.34	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.8	0.17	U	
60-29-7	Ethyl ether	ND	1.8	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.4	1.2	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	R
75-34-3	1,1-Dichloroethane	ND	57	8.2	U	
67-66-3	Chloroform	ND	85	7.9	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.1	U	
124-48-1	Dibromochloromethane	ND	57	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	440	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	R
75-69-4	Trichlorofluoromethane	ND	230	39.	U	
107-06-2	1,2-Dichloroethane	ND	57	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.5	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	9.0	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.0	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	R
75-35-4	1,1-Dichloroethene	ND	57	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	85	7.8	U	
79-01-6	Trichloroethene	ND	28	7.8	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.4	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.7	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	16.	U	
1330-20-7	Xylenes, Total	ND	57	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	57	9.9	U	
540-59-0	1,2-Dichloroethene, Total	ND	57	7.8	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	270	U	
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	120	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	570	67.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	57	16.	U	R
142-28-9	1,3-Dichloropropane	ND	110	9.5	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	57	9.5	U	
135-98-8	sec-Butylbenzene	ND	57	8.3	U	
98-06-6	tert-Butylbenzene	ND	110	6.7	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.6	U	
98-82-8	Isopropylbenzene	ND	57	6.2	U	
99-87-6	p-Isopropyltoluene	ND	57	6.2	U	
91-20-3	Naphthalene	ND	230	37.	U	
107-13-1	Acrylonitrile	ND	230	65.	U	
103-65-1	n-Propylbenzene	ND	57	9.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.66	202	J
	Total TIC Compounds		202J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.1	U	
67-66-3	Chloroform	ND	84	7.8	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.0	U	
124-48-1	Dibromochloromethane	ND	56	7.8	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	1100	28	11.		
108-90-7	Chlorobenzene	ND	28	7.1	U	
75-69-4	Trichlorofluoromethane	ND	220	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.8	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.8	U	
563-58-6	1,1-Dichloropropene	ND	28	8.9	U	UJ
75-25-2	Bromoform	ND	220	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.3	U	
71-43-2	Benzene	ND	28	9.3	U	
108-88-3	Toluene	ND	56	30.	U	
100-41-4	Ethylbenzene	ND	56	7.9	U	
74-87-3	Chloromethane	ND	220	52.	U	
74-83-9	Bromomethane	ND	110	32.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	110	25.	U
75-35-4	1,1-Dichloroethene	ND	56	13.	U
156-60-5	trans-1,2-Dichloroethene	ND	84	7.7	U Uj
79-01-6	Trichloroethene	ND	28	7.7	U
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U
541-73-1	1,3-Dichlorobenzene	ND	110	8.3	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.6	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	ND	110	31.	U
95-47-6	o-Xylene	ND	56	16.	U
1330-20-7	Xylenes, Total	ND	56	16.	U
156-59-2	cis-1,2-Dichloroethene	ND	56	9.8	U
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U
74-95-3	Dibromomethane	ND	110	13.	U
100-42-5	Styrene	ND	56	11.	U
75-71-8	Dichlorodifluoromethane	ND	560	51.	U
67-64-1	Acetone	ND	560	270	U
75-15-0	Carbon disulfide	ND	560	260	U
78-93-3	2-Butanone	ND	560	120	U
108-05-4	Vinyl acetate	ND	560	120	U
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U
96-18-4	1,2,3-Trichloropropane	ND	110	7.1	U
591-78-6	2-Hexanone	ND	560	66.	U
74-97-5	Bromochloromethane	ND	110	11.	U
594-20-7	2,2-Dichloropropane	ND	110	11.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.4	U	
108-86-1	Bromobenzene	ND	110	8.1	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.6	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	220	9.5	U	
98-82-8	Isopropylbenzene	ND	56	6.1	U	
99-87-6	p-Isopropyltoluene	ND	56	6.1	U	
91-20-3	Naphthalene	ND	220	36.	U	
107-13-1	Acrylonitrile	ND	220	64.	U	
103-65-1	n-Propylbenzene	ND	56	9.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	9.9	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 88
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.10	148	J
	Total TIC Compounds		148J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.7	2.2	U	Uj
75-34-3	1,1-Dichloroethane	ND	0.95	0.14	U	
67-66-3	Chloroform	0.16	1.4	0.13	J	
56-23-5	Carbon tetrachloride	ND	0.95	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.95	0.12	U	
124-48-1	Dibromochloromethane	ND	0.95	0.13	U	
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.25	U	
127-18-4	Tetrachloroethene	160	0.47	0.18		
108-90-7	Chlorobenzene	ND	0.47	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U	
107-06-2	1,2-Dichloroethane	ND	0.95	0.24	U	
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U	
75-27-4	Bromodichloromethane	ND	0.47	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.95	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.47	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.47	0.15	U	UJ
75-25-2	Bromoform	ND	3.8	0.23	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.16	U	
71-43-2	Benzene	ND	0.47	0.16	U	
108-88-3	Toluene	0.53	0.95	0.51	J	
100-41-4	Ethylbenzene	ND	0.95	0.13	U	
74-87-3	Chloromethane	ND	3.8	0.88	U	
74-83-9	Bromomethane	ND	1.9	0.55	U	UJ
75-01-4	Vinyl chloride	ND	0.95	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.43	U
75-35-4	1,1-Dichloroethene	ND	0.95	0.22	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	2.2	0.47	0.13	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	0.49	1.9	0.19	J
179601-23-1	p/m-Xylene	ND	1.9	0.53	U
95-47-6	o-Xylene	ND	0.95	0.28	U
1330-20-7	Xylenes, Total	ND	0.95	0.28	U
156-59-2	cis-1,2-Dichloroethene	9.6	0.95	0.16	
540-59-0	1,2-Dichloroethene, Total	9.6	0.95	0.13	
74-95-3	Dibromomethane	ND	1.9	0.22	U
100-42-5	Styrene	ND	0.95	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.5	0.87	U
67-64-1	Acetone	17	9.5	4.6	
75-15-0	Carbon disulfide	ND	9.5	4.3	U
78-93-3	2-Butanone	ND	9.5	2.1	U
108-05-4	Vinyl acetate	ND	9.5	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.5	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.5	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.95	0.26	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.47	0.12	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.95	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.95	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.94	U	
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U	
98-82-8	Isopropylbenzene	ND	0.95	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.95	0.10	U	
91-20-3	Naphthalene	ND	3.8	0.62	U	
107-13-1	Acrylonitrile	ND	3.8	1.1	U	
103-65-1	n-Propylbenzene	ND	0.95	0.16	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.18	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	76	33.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.36	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U	
60-29-7	Ethyl ether	ND	1.9	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-05	**Date Collected**	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A16	**Instrument ID**	: VOA111
Sample Amount	: 6.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.7	1.3	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-05	**Date Collected**	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A16	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	4.64	16.8	J
	Total TIC Compounds		16.8J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.0	2.3	U	Uj
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	36	0.50	0.20		
108-90-7	Chlorobenzene	ND	0.50	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U	
75-27-4	Bromodichloromethane	ND	0.50	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U	Uj
75-25-2	Bromoform	ND	4.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U	
71-43-2	Benzene	0.20	0.50	0.17	J	
108-88-3	Toluene	0.86	1.0	0.54	J	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.0	0.93	U	
74-83-9	Bromomethane	ND	2.0	0.58	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.45	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	UJ
79-01-6	Trichloroethene	ND	0.50	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.56	U	
95-47-6	o-Xylene	ND	1.0	0.29	U	
1330-20-7	Xylenes, Total	ND	1.0	0.29	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U	
67-64-1	Acetone	23	10	4.8		
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.0	0.65	U	
107-13-1	Acrylonitrile	ND	4.0	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	80	35.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 93
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 6

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	1.99	2.01	NJ
000287-92-3	Cyclopentane	2.92	11.1	NJ
	Unknown	3.43	2.14	J
000141-78-6	Ethyl Acetate	4.64	13	NJ
	Unknown	6.01	4.38	J
	Total TIC Compounds		32.6J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	41	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.72	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.16	U	UJ
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	0.19	0.52	0.17	J	
108-88-3	Toluene	0.94	1.0	0.56	J	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.60	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	UJ
79-01-6	Trichloroethene	ND	0.52	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.95	U	
67-64-1	Acetone	7.4	10	5.0	J	10U
75-15-0	Carbon disulfide	ND	10	4.7	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.2	0.68	U	
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	83	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 96
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	2.00	2.18	NJ
	Unknown	2.93	5.1	J
	Total TIC Compounds		7.28J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	18	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.72	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.17	U	UJ
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	ND	0.52	0.17	U	
108-88-3	Toluene	ND	1.0	0.57	U	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.61	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	UJ
79-01-6	Trichloroethene	0.83	0.52	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	0.18		
540-59-0	1,2-Dichloroethene, Total	1.6	1.0	0.14		
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U	
67-64-1	Acetone	140	10	5.0		
75-15-0	Carbon disulfide	ND	10	4.8	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.2	0.68	U	
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	84	37.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 80
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 5

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.26	6.61	J
	Unknown	3.43	7.52	J
	Unknown	4.47	5.81	J
000141-78-6	Ethyl Acetate	4.64	103	NJ
	Total TIC Compounds		123J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.2	U	
67-66-3	Chloroform	ND	84	7.9	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.0	U	
124-48-1	Dibromochloromethane	ND	56	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	1900	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	
75-69-4	Trichlorofluoromethane	ND	220	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.9	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	UJ
75-25-2	Bromoform	ND	220	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	56	30.	U	
100-41-4	Ethylbenzene	ND	56	7.9	U	
74-87-3	Chloromethane	ND	220	52.	U	
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	25.	U	
75-35-4	1,1-Dichloroethene	ND	56	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	84	7.7	U	UJ
79-01-6	Trichloroethene	ND	28	7.7	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.3	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.6	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	56	16.	U	
1330-20-7	Xylenes, Total	ND	56	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	56	9.8	U	
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	56	11.	U	
75-71-8	Dichlorodifluoromethane	ND	560	52.	U	
67-64-1	Acetone	ND	560	270	U	
75-15-0	Carbon disulfide	ND	560	260	U	
78-93-3	2-Butanone	ND	560	120	U	
108-05-4	Vinyl acetate	ND	560	120	U	
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	560	66.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.4	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.6	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	220	9.5	U	
98-82-8	Isopropylbenzene	ND	56	6.1	U	
99-87-6	p-Isopropyltoluene	ND	56	6.1	U	
91-20-3	Naphthalene	ND	220	37.	U	
107-13-1	Acrylonitrile	ND	220	65.	U	
103-65-1	n-Propylbenzene	ND	56	9.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.11	130	J
	Total TIC Compounds		130J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.2	U	
67-66-3	Chloroform	ND	85	7.9	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.1	U	
124-48-1	Dibromochloromethane	ND	56	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	850	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	
75-69-4	Trichlorofluoromethane	ND	230	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.9	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	UJ
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	56	31.	U	
100-41-4	Ethylbenzene	ND	56	8.0	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	
75-35-4	1,1-Dichloroethene	ND	56	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	85	7.7	U	UJ
79-01-6	Trichloroethene	ND	28	7.7	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.4	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.7	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	56	16.	U	
1330-20-7	Xylenes, Total	ND	56	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	56	9.9	U	
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	56	11.	U	
75-71-8	Dichlorodifluoromethane	ND	560	52.	U	
67-64-1	Acetone	ND	560	270	U	
75-15-0	Carbon disulfide	ND	560	260	U	
78-93-3	2-Butanone	ND	560	120	U	
108-05-4	Vinyl acetate	ND	560	120	U	
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	560	67.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.7	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.6	U	
98-82-8	Isopropylbenzene	ND	56	6.2	U	
99-87-6	p-Isopropyltoluene	ND	56	6.2	U	
91-20-3	Naphthalene	ND	230	37.	U	
107-13-1	Acrylonitrile	ND	230	65.	U	
103-65-1	n-Propylbenzene	ND	56	9.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-10	**Date Collected**	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 12:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190702A12	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	141	J
	Total TIC Compounds		141J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	330	150	U	UJ
75-34-3	1,1-Dichloroethane	ND	66	9.6	U	
67-66-3	Chloroform	ND	99	9.2	U	
56-23-5	Carbon tetrachloride	ND	66	15.	U	
78-87-5	1,2-Dichloropropane	ND	66	8.3	U	
124-48-1	Dibromochloromethane	ND	66	9.2	U	
79-00-5	1,1,2-Trichloroethane	ND	66	18.	U	
127-18-4	Tetrachloroethene	1900	33	13.		
108-90-7	Chlorobenzene	ND	33	8.4	U	
75-69-4	Trichlorofluoromethane	ND	260	46.	U	
107-06-2	1,2-Dichloroethane	ND	66	17.	U	
71-55-6	1,1,1-Trichloroethane	ND	33	11.	U	
75-27-4	Bromodichloromethane	ND	33	7.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	66	18.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	33	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	33	10.	U	
563-58-6	1,1-Dichloropropene	ND	33	10.	U	UJ
75-25-2	Bromoform	ND	260	16.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	33	11.	U	
71-43-2	Benzene	ND	33	11.	U	
108-88-3	Toluene	ND	66	36.	U	
100-41-4	Ethylbenzene	ND	66	9.3	U	
74-87-3	Chloromethane	ND	260	62.	U	
74-83-9	Bromomethane	ND	130	38.	U	UJ
75-01-4	Vinyl chloride	ND	66	22.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	30.	U	
75-35-4	1,1-Dichloroethene	ND	66	16.	U	
156-60-5	trans-1,2-Dichloroethene	ND	99	9.0	U	UJ
79-01-6	Trichloroethene	ND	33	9.0	U	
95-50-1	1,2-Dichlorobenzene	ND	130	9.5	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.8	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	37.	U	
95-47-6	o-Xylene	ND	66	19.	U	
1330-20-7	Xylenes, Total	ND	66	19.	U	
156-59-2	cis-1,2-Dichloroethene	18	66	12.	J	
540-59-0	1,2-Dichloroethene, Total	18	66	9.0	J	
74-95-3	Dibromomethane	ND	130	16.	U	
100-42-5	Styrene	ND	66	13.	U	
75-71-8	Dichlorodifluoromethane	ND	660	60.	U	
67-64-1	Acetone	ND	660	320	U	
75-15-0	Carbon disulfide	ND	660	300	U	
78-93-3	2-Butanone	ND	660	150	U	
108-05-4	Vinyl acetate	ND	660	140	U	
108-10-1	4-Methyl-2-pentanone	ND	660	85.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.4	U	
591-78-6	2-Hexanone	ND	660	78.	U	
74-97-5	Bromochloromethane	ND	130	14.	U	
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	66	18.	U	
142-28-9	1,3-Dichloropropane	ND	130	11.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	8.7	U	
108-86-1	Bromobenzene	ND	130	9.6	U	
104-51-8	n-Butylbenzene	ND	66	11.	U	
135-98-8	sec-Butylbenzene	ND	66	9.6	U	
98-06-6	tert-Butylbenzene	ND	130	7.8	U	
95-49-8	o-Chlorotoluene	ND	130	13.	U	
106-43-4	p-Chlorotoluene	ND	130	7.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	66.	U	
87-68-3	Hexachlorobutadiene	ND	260	11.	U	
98-82-8	Isopropylbenzene	ND	66	7.2	U	
99-87-6	p-Isopropyltoluene	ND	66	7.2	U	
91-20-3	Naphthalene	ND	260	43.	U	
107-13-1	Acrylonitrile	ND	260	76.	U	
103-65-1	n-Propylbenzene	ND	66	11.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	130	13.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U	
123-91-1	1,4-Dioxane	ND	5300	2300	U	R
105-05-5	p-Diethylbenzene	ND	130	12.	U	
622-96-8	p-Ethyltoluene	ND	130	25.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	13.	U	
60-29-7	Ethyl ether	ND	130	22.	U	

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	330	94.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 81
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.08	152	J
	Unknown	3.69	220	J
	Total TIC Compounds		372J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.97	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.97	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.97	0.12	U	
124-48-1	Dibromochloromethane	ND	0.97	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.97	0.26	U	
127-18-4	Tetrachloroethene	68	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.97	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.15	U	UJ
75-25-2	Bromoform	ND	3.9	0.24	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.97	0.53	U	
100-41-4	Ethylbenzene	ND	0.97	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.91	U	
74-83-9	Bromomethane	ND	1.9	0.57	U	UJ
75-01-4	Vinyl chloride	ND	0.97	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.97	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U
79-01-6	Trichloroethene	1.3	0.49	0.13	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.17	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.20	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.97	0.28	U
1330-20-7	Xylenes, Total	ND	0.97	0.28	U
156-59-2	cis-1,2-Dichloroethene	1.6	0.97	0.17	
540-59-0	1,2-Dichloroethene, Total	1.6	0.97	0.13	
74-95-3	Dibromomethane	ND	1.9	0.23	U
100-42-5	Styrene	ND	0.97	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.7	0.89	U
67-64-1	Acetone	12	9.7	4.7	U
75-15-0	Carbon disulfide	ND	9.7	4.4	U
78-93-3	2-Butanone	ND	9.7	2.2	U
108-05-4	Vinyl acetate	ND	9.7	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.7	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.7	1.2	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U UJ
594-20-7	2,2-Dichloropropane	ND	1.9	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.97	0.27	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.97	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.97	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.12	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.19	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.97	U	
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U	
98-82-8	Isopropylbenzene	ND	0.97	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.97	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.63	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.97	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	78	34.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.37	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.19	U	
60-29-7	Ethyl ether	ND	1.9	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 82
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.93	12.4	J
	Unknown	4.64	14.3	J
	Total TIC Compounds		26.7J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

DLM 8/16/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 4

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.46	1.93	J
	Aldol Condensates	1.90	136	J
	Unknown Siloxane	5.08	2.91	J
	Total TIC Compounds		141J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	30.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U	
85-68-7	Butyl benzyl phthalate	ND	180	44.	U	
84-74-2	Di-n-butylphthalate	ND	180	33.	U	
117-84-0	Di-n-octylphthalate	ND	180	60.	U	
84-66-2	Diethyl phthalate	ND	180	16.	U	
131-11-3	Dimethyl phthalate	ND	180	37.	U	
56-55-3	Benzo(a)anthracene	ND	100	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	43.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	30.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	21.	U	
86-73-7	Fluorene	ND	180	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U	
129-00-0	Pyrene	ND	100	18.	U	
92-52-4	Biphenyl	ND	400	41.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	250	72.	U
51-28-5	2,4-Dinitrophenol	ND	850	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	85.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	570	180	U
100-51-6	Benzyl Alcohol	ND	180	54.	U
86-74-8	Carbazole	ND	180	17.	U
123-91-1	1,4-Dioxane	ND	26	8.1	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	150	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	19.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U	
85-68-7	Butyl benzyl phthalate	ND	170	43.	U	
84-74-2	Di-n-butylphthalate	ND	170	32.	U	
117-84-0	Di-n-octylphthalate	ND	170	58.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	19.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	26.	U	
120-12-7	Anthracene	ND	100	33.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	16.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	390	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	820	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	82.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	26	7.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U	
85-68-7	Butyl benzyl phthalate	ND	170	44.	U	
84-74-2	Di-n-butylphthalate	ND	170	33.	U	
117-84-0	Di-n-octylphthalate	ND	170	59.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	400	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	34.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	380	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	840	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	84.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	140	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	41.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	39.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	70.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	69.	U
51-28-5	2,4-Dinitrophenol	ND	810	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	81.	U
87-86-5	Pentachlorophenol	ND	140	37.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	25	7.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U	
85-68-7	Butyl benzyl phthalate	ND	170	44.	U	
84-74-2	Di-n-butylphthalate	ND	170	33.	U	
117-84-0	Di-n-octylphthalate	ND	170	59.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	19.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	390	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	830	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/07/19 13:10
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	0.11	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 18:18
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207031933	Analyst	: PS
Sample Amount	: 240 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	156	35.3	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 01:11
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031943	Analyst	: PS
Sample Amount	: 5.498 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.92	2.02	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 01:37
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031944	Analyst	: PS
Sample Amount	: 5.673 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.29	1.86	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 02:03
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031945	Analyst	: PS
Sample Amount	: 5.574 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.72	1.97	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:30
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031948	Analyst	: PS
Sample Amount	: 5.271 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.87	2.01	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:55
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031949	Analyst	: PS
Sample Amount	: 5.878 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	60.6	7.17	1.83	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 04:20
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031950	Analyst	: PS
Sample Amount	: 5.149 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	24.3	8.13	2.07	

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 01:04
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190705a-13	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 04:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-31	Analyst	: KB
Sample Amount	: 15.2 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.8	3.18	U
11104-28-2	Aroclor 1221	ND	35.8	3.59	U
11141-16-5	Aroclor 1232	ND	35.8	7.60	U
53469-21-9	Aroclor 1242	ND	35.8	4.83	U
12672-29-6	Aroclor 1248	ND	35.8	5.37	U
11097-69-1	Aroclor 1254	ND	35.8	3.92	U
11096-82-5	Aroclor 1260	ND	35.8	6.62	U
37324-23-5	Aroclor 1262	ND	35.8	4.55	U
11100-14-4	Aroclor 1268	ND	35.8	3.71	U
1336-36-3	PCBs, Total	ND	35.8	3.18	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 04:55
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-32	Analyst	: KB
Sample Amount	: 15.56 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.2	2.95	U
11104-28-2	Aroclor 1221	ND	33.2	3.33	U
11141-16-5	Aroclor 1232	ND	33.2	7.04	U
53469-21-9	Aroclor 1242	ND	33.2	4.48	U
12672-29-6	Aroclor 1248	ND	33.2	4.98	U
11097-69-1	Aroclor 1254	ND	33.2	3.64	U
11096-82-5	Aroclor 1260	ND	33.2	6.14	U
37324-23-5	Aroclor 1262	ND	33.2	4.22	U
11100-14-4	Aroclor 1268	ND	33.2	3.44	U
1336-36-3	PCBs, Total	ND	33.2	2.95	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:07
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-33	Analyst	: KB
Sample Amount	: 15.66 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.3	3.05	U
11104-28-2	Aroclor 1221	ND	34.3	3.44	U
11141-16-5	Aroclor 1232	ND	34.3	7.28	U
53469-21-9	Aroclor 1242	ND	34.3	4.63	U
12672-29-6	Aroclor 1248	ND	34.3	5.15	U
11097-69-1	Aroclor 1254	ND	34.3	3.76	U
11096-82-5	Aroclor 1260	ND	34.3	6.34	U
37324-23-5	Aroclor 1262	ND	34.3	4.36	U
11100-14-4	Aroclor 1268	ND	34.3	3.56	U
1336-36-3	PCBs, Total	ND	34.3	3.05	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-34	Analyst	: KB
Sample Amount	: 15.47 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.5	2.98	U
11104-28-2	Aroclor 1221	ND	33.5	3.36	U
11141-16-5	Aroclor 1232	ND	33.5	7.11	U
53469-21-9	Aroclor 1242	ND	33.5	4.52	U
12672-29-6	Aroclor 1248	ND	33.5	5.03	U
11097-69-1	Aroclor 1254	ND	33.5	3.67	U
11096-82-5	Aroclor 1260	ND	33.5	6.20	U
37324-23-5	Aroclor 1262	ND	33.5	4.26	U
11100-14-4	Aroclor 1268	ND	33.5	3.47	U
1336-36-3	PCBs, Total	ND	33.5	2.98	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:32
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-35	Analyst	: KB
Sample Amount	: 15.11 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.9	3.10	U
11104-28-2	Aroclor 1221	ND	34.9	3.49	U
11141-16-5	Aroclor 1232	ND	34.9	7.39	U
53469-21-9	Aroclor 1242	ND	34.9	4.70	U
12672-29-6	Aroclor 1248	ND	34.9	5.23	U
11097-69-1	Aroclor 1254	ND	34.9	3.81	U
11096-82-5	Aroclor 1260	ND	34.9	6.44	U
37324-23-5	Aroclor 1262	ND	34.9	4.43	U
11100-14-4	Aroclor 1268	ND	34.9	3.61	U
1336-36-3	PCBs, Total	ND	34.9	3.10	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:44
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-36	Analyst	: KB
Sample Amount	: 15.46 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.9	3.01	U
11104-28-2	Aroclor 1221	ND	33.9	3.39	U
11141-16-5	Aroclor 1232	ND	33.9	7.18	U
53469-21-9	Aroclor 1242	ND	33.9	4.56	U
12672-29-6	Aroclor 1248	ND	33.9	5.08	U
11097-69-1	Aroclor 1254	ND	33.9	3.70	U
11096-82-5	Aroclor 1260	ND	33.9	6.26	U
37324-23-5	Aroclor 1262	ND	33.9	4.30	U
11100-14-4	Aroclor 1268	ND	33.9	3.51	U
1336-36-3	PCBs, Total	ND	33.9	3.01	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 23:16
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190708b-19	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 23:16
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190708b-19	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01RE	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/09/19 12:28
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190709a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01RE	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/09/19 12:28
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190709a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-18	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.72	0.337	U
58-89-9	Lindane	ND	0.717	0.320	U
319-84-6	Alpha-BHC	ND	0.717	0.204	U
319-85-7	Beta-BHC	ND	1.72	0.652	U
76-44-8	Heptachlor	ND	0.860	0.386	U
309-00-2	Aldrin	ND	1.72	0.606	U
1024-57-3	Heptachlor epoxide	ND	3.22	0.967	U
72-20-8	Endrin	ND	0.717	0.294	U
7421-93-4	Endrin aldehyde	ND	2.15	0.752	U
53494-70-5	Endrin ketone	ND	1.72	0.443	U
60-57-1	Dieldrin	ND	1.07	0.537	U
72-55-9	4,4'-DDE	ND	1.72	0.398	U
72-54-8	4,4'-DDD	ND	1.72	0.613	U
50-29-3	4,4'-DDT	ND	3.22	1.38	U
959-98-8	Endosulfan I	ND	1.72	0.406	U
33213-65-9	Endosulfan II	ND	1.72	0.575	U
1031-07-8	Endosulfan sulfate	ND	0.717	0.341	U
72-43-5	Methoxychlor	ND	3.22	1.00	U
8001-35-2	Toxaphene	ND	32.2	9.03	U
5103-71-9	cis-Chlordane	ND	2.15	0.599	U
5103-74-2	trans-Chlordane	ND	2.15	0.568	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-18	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.0	5.70	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-19	Analyst	: KEG
Sample Amount	: 15.53 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.313	U
58-89-9	Lindane	ND	0.666	0.298	U
319-84-6	Alpha-BHC	ND	0.666	0.189	U
319-85-7	Beta-BHC	ND	1.60	0.606	U
76-44-8	Heptachlor	ND	0.799	0.358	U
309-00-2	Aldrin	ND	1.60	0.563	U
1024-57-3	Heptachlor epoxide	ND	3.00	0.899	U
72-20-8	Endrin	ND	0.666	0.273	U
7421-93-4	Endrin aldehyde	ND	2.00	0.699	U
53494-70-5	Endrin ketone	ND	1.60	0.412	U
60-57-1	Dieldrin	ND	0.999	0.499	U
72-55-9	4,4'-DDE	ND	1.60	0.370	U
72-54-8	4,4'-DDD	ND	1.60	0.570	U
50-29-3	4,4'-DDT	ND	3.00	1.28	U
959-98-8	Endosulfan I	ND	1.60	0.378	U
33213-65-9	Endosulfan II	ND	1.60	0.534	U
1031-07-8	Endosulfan sulfate	ND	0.666	0.317	U
72-43-5	Methoxychlor	ND	3.00	0.932	U
8001-35-2	Toxaphene	ND	30.0	8.39	U
5103-71-9	cis-Chlordane	ND	2.00	0.557	U
5103-74-2	trans-Chlordane	ND	2.00	0.527	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-19	Analyst	: KEG
Sample Amount	: 15.53 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.29	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-20	Analyst	: KEG
Sample Amount	: 15.78 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.64	0.320	U
58-89-9	Lindane	ND	0.681	0.304	U
319-84-6	Alpha-BHC	ND	0.681	0.194	U
319-85-7	Beta-BHC	ND	1.64	0.620	U
76-44-8	Heptachlor	ND	0.818	0.366	U
309-00-2	Aldrin	ND	1.64	0.576	U
1024-57-3	Heptachlor epoxide	ND	3.07	0.920	U
72-20-8	Endrin	ND	0.681	0.279	U
7421-93-4	Endrin aldehyde	ND	2.04	0.715	U
53494-70-5	Endrin ketone	ND	1.64	0.421	U
60-57-1	Dieldrin	ND	1.02	0.511	U
72-55-9	4,4'-DDE	ND	1.64	0.378	U
72-54-8	4,4'-DDD	ND	1.64	0.583	U
50-29-3	4,4'-DDT	ND	3.07	1.32	U
959-98-8	Endosulfan I	ND	1.64	0.386	U
33213-65-9	Endosulfan II	ND	1.64	0.546	U
1031-07-8	Endosulfan sulfate	ND	0.681	0.324	U
72-43-5	Methoxychlor	ND	3.07	0.954	U
8001-35-2	Toxaphene	ND	30.7	8.58	U
5103-71-9	cis-Chlordane	ND	2.04	0.570	U
5103-74-2	trans-Chlordane	ND	2.04	0.540	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-20	Analyst	: KEG
Sample Amount	: 15.78 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.3	5.42	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-21	Analyst	: KEG
Sample Amount	: 15.69 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.311	U
58-89-9	Lindane	ND	0.661	0.296	U
319-84-6	Alpha-BHC	ND	0.661	0.188	U
319-85-7	Beta-BHC	ND	1.59	0.602	U
76-44-8	Heptachlor	ND	0.793	0.356	U
309-00-2	Aldrin	ND	1.59	0.559	U
1024-57-3	Heptachlor epoxide	ND	2.98	0.892	U
72-20-8	Endrin	ND	0.661	0.271	U
7421-93-4	Endrin aldehyde	ND	1.98	0.694	U
53494-70-5	Endrin ketone	ND	1.59	0.408	U
60-57-1	Dieldrin	ND	0.992	0.496	U
72-55-9	4,4'-DDE	ND	1.59	0.367	U
72-54-8	4,4'-DDD	ND	1.59	0.566	U
50-29-3	4,4'-DDT	ND	2.98	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.375	U
33213-65-9	Endosulfan II	ND	1.59	0.530	U
1031-07-8	Endosulfan sulfate	ND	0.661	0.315	U
72-43-5	Methoxychlor	ND	2.98	0.926	U
8001-35-2	Toxaphene	ND	29.8	8.33	U
5103-71-9	cis-Chlordane	ND	1.98	0.553	U
5103-74-2	trans-Chlordane	ND	1.98	0.524	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-21	Analyst	: KEG
Sample Amount	: 15.69 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	12.9	5.26	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-22	Analyst	: KEG
Sample Amount	: 15.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.65	0.324	U
58-89-9	Lindane	ND	0.689	0.308	U
319-84-6	Alpha-BHC	ND	0.689	0.196	U
319-85-7	Beta-BHC	ND	1.65	0.627	U
76-44-8	Heptachlor	ND	0.826	0.370	U
309-00-2	Aldrin	ND	1.65	0.582	U
1024-57-3	Heptachlor epoxide	ND	3.10	0.930	U
72-20-8	Endrin	ND	0.689	0.282	U
7421-93-4	Endrin aldehyde	ND	2.07	0.723	U
53494-70-5	Endrin ketone	ND	1.65	0.426	U
60-57-1	Dieldrin	ND	1.03	0.516	U
72-55-9	4,4'-DDE	ND	1.65	0.382	U
72-54-8	4,4'-DDD	ND	1.65	0.590	U
50-29-3	4,4'-DDT	ND	3.10	1.33	U
959-98-8	Endosulfan I	ND	1.65	0.390	U
33213-65-9	Endosulfan II	ND	1.65	0.552	U
1031-07-8	Endosulfan sulfate	ND	0.689	0.328	U
72-43-5	Methoxychlor	ND	3.10	0.964	U
8001-35-2	Toxaphene	ND	31.0	8.68	U
5103-71-9	cis-Chlordane	ND	2.07	0.576	U
5103-74-2	trans-Chlordane	ND	2.07	0.545	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-22	Analyst	: KEG
Sample Amount	: 15.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.4	5.48	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-23	Analyst	: KEG
Sample Amount	: 15.66 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.314	U
58-89-9	Lindane	ND	0.669	0.299	U
319-84-6	Alpha-BHC	ND	0.669	0.190	U
319-85-7	Beta-BHC	ND	1.60	0.608	U
76-44-8	Heptachlor	ND	0.802	0.360	U
309-00-2	Aldrin	ND	1.60	0.565	U
1024-57-3	Heptachlor epoxide	ND	3.01	0.903	U
72-20-8	Endrin	ND	0.669	0.274	U
7421-93-4	Endrin aldehyde	ND	2.00	0.702	U
53494-70-5	Endrin ketone	ND	1.60	0.413	U
60-57-1	Dieldrin	ND	1.00	0.501	U
72-55-9	4,4'-DDE	ND	1.60	0.371	U
72-54-8	4,4'-DDD	ND	1.60	0.572	U
50-29-3	4,4'-DDT	ND	3.01	1.29	U
959-98-8	Endosulfan I	ND	1.60	0.379	U
33213-65-9	Endosulfan II	ND	1.60	0.536	U
1031-07-8	Endosulfan sulfate	ND	0.669	0.318	U
72-43-5	Methoxychlor	ND	3.01	0.936	U
8001-35-2	Toxaphene	ND	30.1	8.42	U
5103-71-9	cis-Chlordane	ND	2.00	0.559	U
5103-74-2	trans-Chlordane	ND	2.00	0.530	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-23	Analyst	: KEG
Sample Amount	: 15.66 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.32	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:19
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.269g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3460	8.58	2.32		
7440-36-0	Antimony, Total	ND	4.29	0.326	U	
7440-38-2	Arsenic, Total	0.275	0.858	0.178	J	
7440-39-3	Barium, Total	35.8	0.858	0.149		
7440-41-7	Beryllium, Total	ND	0.429	0.028	U	
7440-43-9	Cadmium, Total	0.094	0.858	0.084	J	
7440-70-2	Calcium, Total	36700	8.58	3.00		
7440-47-3	Chromium, Total	7.51	0.858	0.082		
7440-48-4	Cobalt, Total	5.48	1.72	0.142		
7440-50-8	Copper, Total	15.5	0.858	0.221		
7439-89-6	Iron, Total	8350	4.29	0.775		
7439-92-1	Lead, Total	2.40	4.29	0.230	J	
7439-95-4	Magnesium, Total	13400	8.58	1.32		
7439-96-5	Manganese, Total	168	0.858	0.136		
7440-02-0	Nickel, Total	9.37	2.15	0.208		
7440-09-7	Potassium, Total	1410	215	12.4		
7782-49-2	Selenium, Total	0.335	1.72	0.221	J	
7440-22-4	Silver, Total	ND	0.858	0.243	U	
7440-23-5	Sodium, Total	110	172	2.70	J	110U
7440-28-0	Thallium, Total	ND	1.72	0.270	U	
7440-62-2	Vanadium, Total	13.9	0.858	0.174		
7440-66-6	Zinc, Total	24.0	4.29	0.252		

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:42
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.27g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3560	8.14	2.20		
7440-36-0	Antimony, Total	ND	4.07	0.309	U	
7440-38-2	Arsenic, Total	ND	0.814	0.169	U	
7440-39-3	Barium, Total	43.0	0.814	0.142		
7440-41-7	Beryllium, Total	ND	0.407	0.027	U	
7440-43-9	Cadmium, Total	0.155	0.814	0.080	J	
7440-70-2	Calcium, Total	19200	8.14	2.85		
7440-47-3	Chromium, Total	10.8	0.814	0.078		
7440-48-4	Cobalt, Total	11.3	1.63	0.135		
7440-50-8	Copper, Total	28.4	0.814	0.210		
7439-89-6	Iron, Total	13700	4.07	0.735		
7439-92-1	Lead, Total	5.07	4.07	0.218		
7439-95-4	Magnesium, Total	9510	8.14	1.25		
7439-96-5	Manganese, Total	161	0.814	0.129		
7440-02-0	Nickel, Total	16.6	2.04	0.197		
7440-09-7	Potassium, Total	1690	204	11.7		
7782-49-2	Selenium, Total	0.244	1.63	0.210	J	
7440-22-4	Silver, Total	ND	0.814	0.230	U	
7440-23-5	Sodium, Total	67.7	163	2.56	J	163U
7440-28-0	Thallium, Total	ND	1.63	0.256	U	
7440-62-2	Vanadium, Total	20.6	0.814	0.165		
7440-66-6	Zinc, Total	39.7	4.07	0.238		

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:46
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.261g	%Solids	: 93
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	8820	8.53	2.30	
7440-36-0	Antimony, Total	ND	4.26	0.324	U
7440-38-2	Arsenic, Total	0.401	0.853	0.177	J
7440-39-3	Barium, Total	48.9	0.853	0.148	
7440-41-7	Beryllium, Total	ND	0.426	0.028	U
7440-43-9	Cadmium, Total	0.153	0.853	0.084	J
7440-70-2	Calcium, Total	1440	8.53	2.98	
7440-47-3	Chromium, Total	21.6	0.853	0.082	
7440-48-4	Cobalt, Total	8.28	1.70	0.142	
7440-50-8	Copper, Total	16.7	0.853	0.220	
7439-89-6	Iron, Total	15200	4.26	0.770	
7439-92-1	Lead, Total	3.91	4.26	0.228	J
7439-95-4	Magnesium, Total	4430	8.53	1.31	
7439-96-5	Manganese, Total	333	0.853	0.136	
7440-02-0	Nickel, Total	14.4	2.13	0.206	
7440-09-7	Potassium, Total	1690	213	12.3	
7782-49-2	Selenium, Total	ND	1.70	0.220	U
7440-22-4	Silver, Total	ND	0.853	0.241	U
7440-23-5	Sodium, Total	156	170	2.69	J 170U
7440-28-0	Thallium, Total	ND	1.70	0.269	U
7440-62-2	Vanadium, Total	30.4	0.853	0.173	
7440-66-6	Zinc, Total	34.2	4.26	0.250	

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:51
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.298g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4070	7.99	2.16	
7440-36-0	Antimony, Total	ND	4.00	0.304	U
7440-38-2	Arsenic, Total	ND	0.799	0.166	U
7440-39-3	Barium, Total	50.6	0.799	0.139	
7440-41-7	Beryllium, Total	ND	0.400	0.026	U
7440-43-9	Cadmium, Total	0.104	0.799	0.078	J
7440-70-2	Calcium, Total	24700	7.99	2.80	
7440-47-3	Chromium, Total	9.34	0.799	0.077	
7440-48-4	Cobalt, Total	7.46	1.60	0.133	
7440-50-8	Copper, Total	19.3	0.799	0.206	
7439-89-6	Iron, Total	10200	4.00	0.722	
7439-92-1	Lead, Total	2.56	4.00	0.214	J
7439-95-4	Magnesium, Total	10800	7.99	1.23	
7439-96-5	Manganese, Total	166	0.799	0.127	
7440-02-0	Nickel, Total	11.0	2.00	0.193	
7440-09-7	Potassium, Total	1840	200	11.5	
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.799	0.226	U
7440-23-5	Sodium, Total	75.8	160	2.52	J 160U
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	15.5	0.799	0.162	
7440-66-6	Zinc, Total	28.4	4.00	0.234	

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 19:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.334g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6670	7.90	2.13		
7440-36-0	Antimony, Total	ND	3.95	0.300	U	
7440-38-2	Arsenic, Total	0.276	0.790	0.164	J	
7440-39-3	Barium, Total	60.0	0.790	0.137		
7440-41-7	Beryllium, Total	ND	0.395	0.026	U	
7440-43-9	Cadmium, Total	0.166	0.790	0.077	J	
7440-70-2	Calcium, Total	3480	7.90	2.76		
7440-47-3	Chromium, Total	50.7	0.790	0.076		
7440-48-4	Cobalt, Total	11.3	1.58	0.131		
7440-50-8	Copper, Total	17.9	0.790	0.204		
7439-89-6	Iron, Total	16700	3.95	0.713		
7439-92-1	Lead, Total	3.32	3.95	0.212	J	
7439-95-4	Magnesium, Total	5250	7.90	1.22		
7439-96-5	Manganese, Total	220	0.790	0.126		
7440-02-0	Nickel, Total	27.3	1.97	0.191		
7440-09-7	Potassium, Total	2810	197	11.4		
7782-49-2	Selenium, Total	ND	1.58	0.204	U	
7440-22-4	Silver, Total	ND	0.790	0.224	U	
7440-23-5	Sodium, Total	62.7	158	2.49	J	158U
7440-28-0	Thallium, Total	ND	1.58	0.249	U	
7440-62-2	Vanadium, Total	29.6	0.790	0.160		
7440-66-6	Zinc, Total	35.9	3.95	0.231		

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 19:14
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.254g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5770	8.35	2.25		
7440-36-0	Antimony, Total	ND	4.18	0.317	U	
7440-38-2	Arsenic, Total	ND	0.835	0.174	U	
7440-39-3	Barium, Total	82.3	0.835	0.145		
7440-41-7	Beryllium, Total	ND	0.418	0.028	U	
7440-43-9	Cadmium, Total	0.150	0.835	0.082	J	
7440-70-2	Calcium, Total	10400	8.35	2.92		
7440-47-3	Chromium, Total	16.5	0.835	0.080		
7440-48-4	Cobalt, Total	10.4	1.67	0.139		
7440-50-8	Copper, Total	25.0	0.835	0.215		
7439-89-6	Iron, Total	15100	4.18	0.754		
7439-92-1	Lead, Total	3.85	4.18	0.224	J	
7439-95-4	Magnesium, Total	7360	8.35	1.28		
7439-96-5	Manganese, Total	154	0.835	0.133		
7440-02-0	Nickel, Total	16.3	2.09	0.202		
7440-09-7	Potassium, Total	4030	209	12.0		
7782-49-2	Selenium, Total	ND	1.67	0.215	U	
7440-22-4	Silver, Total	ND	0.835	0.236	U	
7440-23-5	Sodium, Total	86.9	167	2.63	J	167U
7440-28-0	Thallium, Total	ND	1.67	0.263	U	
7440-62-2	Vanadium, Total	27.6	0.835	0.170		
7440-66-6	Zinc, Total	40.8	4.18	0.245		

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 11:43
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1256925.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00050	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00076	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.0512	0.100	0.0394	J
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00218	0.00100	0.00038	
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.229	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00911	0.01000	0.00341	J

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1256257.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 92
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.068	0.045	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.042	U

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Form 1
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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 93
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.067	0.044	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.042	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.397g	%Solids	: 95
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/01/19 15:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-1-2019_02-46-13PM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/30/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0636g	%Solids	: 92
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0575g	%Solids	: 97
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0732g	%Solids	: 93
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0814g	%Solids	: 96
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.96	0.20	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0743g	%Solids	: 95
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0186g	%Solids	: 96
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 06:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1254264.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/28/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4586g	%Solids	: 92
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.871	0.174	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4953g	%Solids	: 97
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.827	0.165	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5177g	%Solids	: 93
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.860	0.172	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.830	0.166	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5239g	%Solids	: 95
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.843	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4614g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.838	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1254984-1	Date Collected	: NA
Client ID	: WG1254984-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5004g	%Solids	: NA
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.800	0.160	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1254984-6	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)DUP	Date Received	: 06/27/19
Sample Location	:	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: aj
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4604g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.838	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	91.8	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.7	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	88.0	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	81.2	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 93
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	93.0	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.4	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	79.8	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	94.9	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	95.5	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	81.3	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 82
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	82.2	0.100	NA	

DLM 8/16/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Revision

July 30, 2019: Tentatively Identified Compounds have been added to the Volatile Organics and Semivolatile Organics analyses.

Report Submission

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

Volatile Organics

L1928386-03 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Pesticides

L1928386-01: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (29%) and decachlorobiphenyl (29%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Metals

L1928386-01: The Field Blank has results for barium, copper and sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1928386-02, 03, -06, -07, -09, and -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1256422-3 MS recoveries for aluminum (339%), iron (679%), magnesium (155%) and manganese (48%), performed on L1928386-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

Case Narrative (continued)

Cyanide, Total

The WG1254382-2/-3 LCS/LCSD recoveries (76%/68%), associated with L1928386-02, -03, -06, -07, -09, and -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 07/30/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

NEW JERSEY 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 3 of

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1978380

Client Information
Client: Impact
Address: 170 Keyland Ct.
Bohemia
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Jose De la Fuente
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + TICs	TCL SVOCs + TICs	TCL Pesticides + PCB	TAL metals	Cyanide + Hex Chromium	1,4 - Dioxane			Sample Specific Comments	Total Bottle
28386 -01	Field Blank - EQ-5	6/27	700	L	LR	X	X	X	X	X	X				
-02	SB-13 (0-2)	6/27	715	S	LR	X	X	X	X	X	X				
-03	SB-13 (9.5-10)	6/27	730	S	LR	X	X	X	X	X	X				
-04	SB-13 (14-14.5)	6/27	800	S	LR	X									
-05	SB-13 (25-25.5)	6/27	820	S	LR	X									
-06	SB-14 (0-2)	6/27	930	S	LR	X	X	X	X	X	X				
-07	SB-14 (9-9.5)	6/27	945	S	LR	X	X	X	X	X	X				
-08	SB-14 (23.5-24)	6/27	1015	S	LR	X									
-09	SB-15 (0-2)	6/27	1100	S	LR	X	X	X	X	X	X				
-10	SB-15 (9-9.5)	6/27	1120	S	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/27/19 1720		6/27/19 1720
	6/27 2100		6/27 2134
	6/28 0230		6/28/19 0130

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: 01-14 HC (rev. 30-Sept-2013)

NEW JERSEY 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 3 of 2

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1928386

Client Information

Client: Impact
Address: 170 Keyland Ct
Bohemia
Phone: 631-269-8800
Fax:
Email: robertson@impactenv.

Project Information

Project Name: 11-35 31st Drive
Project Location: 1135 31st Drive Astoria
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

Turn-Around Time

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

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's+TICs	TCL SVOC's+TICs	TCL Pesticides+PCB	TAL metals	Cyanide, Hexavalent Cr	1,4 - Dioxane			Sample Specific Comments	Total Bottle
28386 - 11	SB-15 (15-15.5)	6/27	1140	S	LR	X									
-12	SB-15 (27.5-28)	6/27	1230	S	LR	X									
-13	Trip Blank	6/27	—	L	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/27/19 1700		6/27/19 1700
	6/27 2100		6/27 2134
	6/28 0230		6/28/19 01:30

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL AND GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1928787

Sampling Date: July 1, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental hǔcupational & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive SDG #: L1928787

Client: Impact Environmental Date: August 23, 2019

Laboratory: Alpha Analytical Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide /PCB	TAL Metals	Hex Cr CN
FIELD BLANK DI-WATER	L1928787-01	Aqueous	X	X	X	X	X	X
FIELD BLANK-EQ-5	L1928787-02	Aqueous	X	X	X	X	X	X
SB-16 (0-2)	L1928787-03	Soil	X	X	X	X	X	X
SB-16 (9.5-10)	L1928787-04	Soil	X	X	X	X	X	X
SB-16 (20-20.5)	L1928787-05	Soil	X					
TRIP BLANK	L1928787-06	Aqueous	X					

The data packages contained three (3) soil samples, two (2) field blanks, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7040A, 7041B, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, laboratory duplicates, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present. The Trip blank sample was listed on the COC for all analyses; however, sample containers were not submitted for all analyses nor are all analyses to be conducted for a trip blank. VOC analysis was performed on the trip blank. Tentatively identified compounds (TICs) were not reported for VOCs or SVOCs as requested on the COC.

Holding Time: Holding times were within acceptable criterion for all samples.

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Q
L1928787-04	Arsenic	U
L1928787-03, L1928787-04	Sodium	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1928787-03, L1928787-04, L1928787-05	Bromomethane, methylene chloride, 1,1 Dichloropropene, trans 1,2-Dichloroethene	UJ, J
L1928787-03, L1928787-04, L1928787-05	1,4-Dioxane	R
L1928787-03, L1928787-04	Bis(2-chloroisopropyl)ether, Di-n-octylphthlate, 1,4-Dioxane	UJ
L1928787-03, L1928787-04	Endrin Aldehyde	UJ

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate: The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1928787-03, L1928787-04	Cyanide, Hexavalent chromium	UJ

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. Inorganic data were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated.

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

DLM 8/16/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

DLM 8/16/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

DLM 8/16/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

DLM 8/16/19

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

DLM 8/16/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	6.7	3.1	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U	
67-66-3	Chloroform	ND	2.0	0.19	U	
56-23-5	Carbon tetrachloride	ND	1.3	0.31	U	
78-87-5	1,2-Dichloropropane	ND	1.3	0.17	U	
124-48-1	Dibromochloromethane	ND	1.3	0.19	U	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.36	U	
127-18-4	Tetrachloroethene	110	0.67	0.26		
108-90-7	Chlorobenzene	ND	0.67	0.17	U	
75-69-4	Trichlorofluoromethane	ND	5.4	0.93	U	
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U	
71-55-6	1,1,1-Trichloroethane	ND	0.67	0.22	U	
75-27-4	Bromodichloromethane	ND	0.67	0.15	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.37	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.67	0.21	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.67	0.21	U	
563-58-6	1,1-Dichloropropene	ND	0.67	0.21	U	UJ
75-25-2	Bromoform	ND	5.4	0.33	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.67	0.22	U	
71-43-2	Benzene	0.32	0.67	0.22	J	
108-88-3	Toluene	1.4	1.3	0.73		
100-41-4	Ethylbenzene	ND	1.3	0.19	U	
74-87-3	Chloromethane	ND	5.4	1.2	U	
74-83-9	Bromomethane	ND	2.7	0.78	U	UJ
75-01-4	Vinyl chloride	ND	1.3	0.45	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.7	0.61	U	
75-35-4	1,1-Dichloroethene	ND	1.3	0.32	U	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U	UJ
79-01-6	Trichloroethene	0.25	0.67	0.18	J	
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.19	U	
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U	
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U	
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U	
179601-23-1	p/m-Xylene	ND	2.7	0.75	U	
95-47-6	o-Xylene	ND	1.3	0.39	U	
1330-20-7	Xylenes, Total	ND	1.3	0.39	U	
156-59-2	cis-1,2-Dichloroethene	0.40	1.3	0.23	J	
540-59-0	1,2-Dichloroethene, Total	0.40	1.3	0.18	J	
74-95-3	Dibromomethane	ND	2.7	0.32	U	
100-42-5	Styrene	ND	1.3	0.26	U	
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U	
67-64-1	Acetone	15	13	6.4		U
75-15-0	Carbon disulfide	ND	13	6.1	U	
78-93-3	2-Butanone	ND	13	3.0	U	
108-05-4	Vinyl acetate	ND	13	2.9	U	
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U	
96-18-4	1,2,3-Trichloropropane	ND	2.7	0.17	U	
591-78-6	2-Hexanone	ND	13	1.6	U	
74-97-5	Bromochloromethane	ND	2.7	0.28	U	
594-20-7	2,2-Dichloropropane	ND	2.7	0.27	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.3	0.37	U
142-28-9	1,3-Dichloropropane	ND	2.7	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.67	0.18	U
108-86-1	Bromobenzene	ND	2.7	0.19	U
104-51-8	n-Butylbenzene	ND	1.3	0.22	U
135-98-8	sec-Butylbenzene	ND	1.3	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
95-49-8	o-Chlorotoluene	ND	2.7	0.26	U
106-43-4	p-Chlorotoluene	ND	2.7	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.3	U
87-68-3	Hexachlorobutadiene	ND	5.4	0.23	U
98-82-8	Isopropylbenzene	ND	1.3	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.15	U
91-20-3	Naphthalene	ND	5.4	0.87	U
107-13-1	Acrylonitrile	ND	5.4	1.5	U
103-65-1	n-Propylbenzene	ND	1.3	0.23	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.43	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.36	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.45	U
123-91-1	1,4-Dioxane	ND	110	47.	U R
105-05-5	p-Diethylbenzene	ND	2.7	0.24	U
622-96-8	p-Ethyltoluene	ND	2.7	0.52	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.7	0.26	U
60-29-7	Ethyl ether	ND	2.7	0.46	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.7	1.9	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 92
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.93	28.4	J
	Unknown	3.26	4	J
000141-78-6	Ethyl Acetate	4.64	9.34	NJ
	Total TIC Compounds		41.7J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.4	2.0	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.88	0.13	U	
67-66-3	Chloroform	0.17	1.3	0.12	J	
56-23-5	Carbon tetrachloride	ND	0.88	0.20	U	
78-87-5	1,2-Dichloropropane	ND	0.88	0.11	U	
124-48-1	Dibromochloromethane	ND	0.88	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.88	0.24	U	
127-18-4	Tetrachloroethene	430	0.44	0.17	E	R
108-90-7	Chlorobenzene	ND	0.44	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U	
107-06-2	1,2-Dichloroethane	ND	0.88	0.23	U	
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U	
75-27-4	Bromodichloromethane	ND	0.44	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.88	0.24	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U	
563-58-6	1,1-Dichloropropene	ND	0.44	0.14	U	UJ
75-25-2	Bromoform	ND	3.5	0.22	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U	
71-43-2	Benzene	ND	0.44	0.15	U	
108-88-3	Toluene	ND	0.88	0.48	U	
100-41-4	Ethylbenzene	ND	0.88	0.12	U	
74-87-3	Chloromethane	ND	3.5	0.82	U	
74-83-9	Bromomethane	ND	1.8	0.51	U	UJ
75-01-4	Vinyl chloride	ND	0.88	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.8	0.40	U	
75-35-4	1,1-Dichloroethene	ND	0.88	0.21	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U	UJ
79-01-6	Trichloroethene	1.6	0.44	0.12		
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U	
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U	
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U	
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U	
179601-23-1	p/m-Xylene	ND	1.8	0.49	U	
95-47-6	o-Xylene	ND	0.88	0.26	U	
1330-20-7	Xylenes, Total	ND	0.88	0.26	U	
156-59-2	cis-1,2-Dichloroethene	2.7	0.88	0.15		
540-59-0	1,2-Dichloroethene, Total	2.7	0.88	0.12		
74-95-3	Dibromomethane	ND	1.8	0.21	U	
100-42-5	Styrene	ND	0.88	0.17	U	
75-71-8	Dichlorodifluoromethane	ND	8.8	0.81	U	
67-64-1	Acetone	8.0	8.8	4.2	J	8.8U
75-15-0	Carbon disulfide	ND	8.8	4.0	U	
78-93-3	2-Butanone	ND	8.8	2.0	U	
108-05-4	Vinyl acetate	ND	8.8	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	8.8	1.1	U	
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U	
591-78-6	2-Hexanone	ND	8.8	1.0	U	
74-97-5	Bromochloromethane	ND	1.8	0.18	U	
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.88	0.25	U	
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.44	0.12	J	
108-86-1	Bromobenzene	ND	1.8	0.13	U	
104-51-8	n-Butylbenzene	ND	0.88	0.15	U	
135-98-8	sec-Butylbenzene	ND	0.88	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U	
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.88	U	
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U	
98-82-8	Isopropylbenzene	ND	0.88	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.88	0.10	U	
91-20-3	Naphthalene	ND	3.5	0.57	U	
107-13-1	Acrylonitrile	ND	3.5	1.0	U	
103-65-1	n-Propylbenzene	ND	0.88	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.28	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.29	U	
123-91-1	1,4-Dioxane	ND	70	31.	U	R
105-05-5	p-Diethylbenzene	ND	1.8	0.16	U	
622-96-8	p-Ethyltoluene	ND	1.8	0.34	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.8	0.17	U	
60-29-7	Ethyl ether	ND	1.8	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.4	1.2	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	R
75-34-3	1,1-Dichloroethane	ND	57	8.2	U	
67-66-3	Chloroform	ND	85	7.9	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.1	U	
124-48-1	Dibromochloromethane	ND	57	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	440	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	R
75-69-4	Trichlorofluoromethane	ND	230	39.	U	
107-06-2	1,2-Dichloroethane	ND	57	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.5	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	9.0	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.0	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	R
75-35-4	1,1-Dichloroethene	ND	57	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	85	7.8	U	
79-01-6	Trichloroethene	ND	28	7.8	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.4	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.7	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	16.	U	
1330-20-7	Xylenes, Total	ND	57	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	57	9.9	U	
540-59-0	1,2-Dichloroethene, Total	ND	57	7.8	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	270	U	
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	120	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	570	67.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	57	16.	U	R
142-28-9	1,3-Dichloropropane	ND	110	9.5	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	57	9.5	U	
135-98-8	sec-Butylbenzene	ND	57	8.3	U	
98-06-6	tert-Butylbenzene	ND	110	6.7	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.6	U	
98-82-8	Isopropylbenzene	ND	57	6.2	U	
99-87-6	p-Isopropyltoluene	ND	57	6.2	U	
91-20-3	Naphthalene	ND	230	37.	U	
107-13-1	Acrylonitrile	ND	230	65.	U	
103-65-1	n-Propylbenzene	ND	57	9.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.66	202	J
	Total TIC Compounds		202J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.1	U	
67-66-3	Chloroform	ND	84	7.8	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.0	U	
124-48-1	Dibromochloromethane	ND	56	7.8	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	1100	28	11.		
108-90-7	Chlorobenzene	ND	28	7.1	U	
75-69-4	Trichlorofluoromethane	ND	220	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.8	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.8	U	
563-58-6	1,1-Dichloropropene	ND	28	8.9	U	UJ
75-25-2	Bromoform	ND	220	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.3	U	
71-43-2	Benzene	ND	28	9.3	U	
108-88-3	Toluene	ND	56	30.	U	
100-41-4	Ethylbenzene	ND	56	7.9	U	
74-87-3	Chloromethane	ND	220	52.	U	
74-83-9	Bromomethane	ND	110	32.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	110	25.	U
75-35-4	1,1-Dichloroethene	ND	56	13.	U
156-60-5	trans-1,2-Dichloroethene	ND	84	7.7	U Uj
79-01-6	Trichloroethene	ND	28	7.7	U
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U
541-73-1	1,3-Dichlorobenzene	ND	110	8.3	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.6	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	ND	110	31.	U
95-47-6	o-Xylene	ND	56	16.	U
1330-20-7	Xylenes, Total	ND	56	16.	U
156-59-2	cis-1,2-Dichloroethene	ND	56	9.8	U
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U
74-95-3	Dibromomethane	ND	110	13.	U
100-42-5	Styrene	ND	56	11.	U
75-71-8	Dichlorodifluoromethane	ND	560	51.	U
67-64-1	Acetone	ND	560	270	U
75-15-0	Carbon disulfide	ND	560	260	U
78-93-3	2-Butanone	ND	560	120	U
108-05-4	Vinyl acetate	ND	560	120	U
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U
96-18-4	1,2,3-Trichloropropane	ND	110	7.1	U
591-78-6	2-Hexanone	ND	560	66.	U
74-97-5	Bromochloromethane	ND	110	11.	U
594-20-7	2,2-Dichloropropane	ND	110	11.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.4	U	
108-86-1	Bromobenzene	ND	110	8.1	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.6	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	220	9.5	U	
98-82-8	Isopropylbenzene	ND	56	6.1	U	
99-87-6	p-Isopropyltoluene	ND	56	6.1	U	
91-20-3	Naphthalene	ND	220	36.	U	
107-13-1	Acrylonitrile	ND	220	64.	U	
103-65-1	n-Propylbenzene	ND	56	9.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	9.9	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 88
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.10	148	J
	Total TIC Compounds		148J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.7	2.2	U	Uj
75-34-3	1,1-Dichloroethane	ND	0.95	0.14	U	
67-66-3	Chloroform	0.16	1.4	0.13	J	
56-23-5	Carbon tetrachloride	ND	0.95	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.95	0.12	U	
124-48-1	Dibromochloromethane	ND	0.95	0.13	U	
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.25	U	
127-18-4	Tetrachloroethene	160	0.47	0.18		
108-90-7	Chlorobenzene	ND	0.47	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U	
107-06-2	1,2-Dichloroethane	ND	0.95	0.24	U	
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U	
75-27-4	Bromodichloromethane	ND	0.47	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.95	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.47	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.47	0.15	U	UJ
75-25-2	Bromoform	ND	3.8	0.23	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.16	U	
71-43-2	Benzene	ND	0.47	0.16	U	
108-88-3	Toluene	0.53	0.95	0.51	J	
100-41-4	Ethylbenzene	ND	0.95	0.13	U	
74-87-3	Chloromethane	ND	3.8	0.88	U	
74-83-9	Bromomethane	ND	1.9	0.55	U	UJ
75-01-4	Vinyl chloride	ND	0.95	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.43	U
75-35-4	1,1-Dichloroethene	ND	0.95	0.22	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	2.2	0.47	0.13	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	0.49	1.9	0.19	J
179601-23-1	p/m-Xylene	ND	1.9	0.53	U
95-47-6	o-Xylene	ND	0.95	0.28	U
1330-20-7	Xylenes, Total	ND	0.95	0.28	U
156-59-2	cis-1,2-Dichloroethene	9.6	0.95	0.16	
540-59-0	1,2-Dichloroethene, Total	9.6	0.95	0.13	
74-95-3	Dibromomethane	ND	1.9	0.22	U
100-42-5	Styrene	ND	0.95	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.5	0.87	U
67-64-1	Acetone	17	9.5	4.6	
75-15-0	Carbon disulfide	ND	9.5	4.3	U
78-93-3	2-Butanone	ND	9.5	2.1	U
108-05-4	Vinyl acetate	ND	9.5	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.5	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.5	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.95	0.26	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.47	0.12	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.95	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.95	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.94	U	
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U	
98-82-8	Isopropylbenzene	ND	0.95	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.95	0.10	U	
91-20-3	Naphthalene	ND	3.8	0.62	U	
107-13-1	Acrylonitrile	ND	3.8	1.1	U	
103-65-1	n-Propylbenzene	ND	0.95	0.16	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.18	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	76	33.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.36	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U	
60-29-7	Ethyl ether	ND	1.9	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-05	**Date Collected**	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A16	**Instrument ID**	: VOA111
Sample Amount	: 6.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.7	1.3	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-05	**Date Collected**	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A16	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	4.64	16.8	J
	Total TIC Compounds		16.8J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.0	2.3	U	Uj
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	36	0.50	0.20		
108-90-7	Chlorobenzene	ND	0.50	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U	
75-27-4	Bromodichloromethane	ND	0.50	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U	Uj
75-25-2	Bromoform	ND	4.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U	
71-43-2	Benzene	0.20	0.50	0.17	J	
108-88-3	Toluene	0.86	1.0	0.54	J	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.0	0.93	U	
74-83-9	Bromomethane	ND	2.0	0.58	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.45	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	UJ
79-01-6	Trichloroethene	ND	0.50	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.56	U	
95-47-6	o-Xylene	ND	1.0	0.29	U	
1330-20-7	Xylenes, Total	ND	1.0	0.29	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U	
67-64-1	Acetone	23	10	4.8		
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.0	0.65	U	
107-13-1	Acrylonitrile	ND	4.0	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	80	35.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 93
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 6

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	1.99	2.01	NJ
000287-92-3	Cyclopentane	2.92	11.1	NJ
	Unknown	3.43	2.14	J
000141-78-6	Ethyl Acetate	4.64	13	NJ
	Unknown	6.01	4.38	J
	Total TIC Compounds		32.6J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	41	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.72	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.16	U	UJ
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	0.19	0.52	0.17	J	
108-88-3	Toluene	0.94	1.0	0.56	J	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.60	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	UJ
79-01-6	Trichloroethene	ND	0.52	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.95	U	
67-64-1	Acetone	7.4	10	5.0	J	10U
75-15-0	Carbon disulfide	ND	10	4.7	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.2	0.68	U	
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	83	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 96
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	2.00	2.18	NJ
	Unknown	2.93	5.1	J
	Total TIC Compounds		7.28J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	18	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.72	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.17	U	UJ
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	ND	0.52	0.17	U	
108-88-3	Toluene	ND	1.0	0.57	U	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.61	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	UJ
79-01-6	Trichloroethene	0.83	0.52	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	0.18		
540-59-0	1,2-Dichloroethene, Total	1.6	1.0	0.14		
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U	
67-64-1	Acetone	140	10	5.0		
75-15-0	Carbon disulfide	ND	10	4.8	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.2	0.68	U	
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	84	37.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 80
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 5

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.26	6.61	J
	Unknown	3.43	7.52	J
	Unknown	4.47	5.81	J
000141-78-6	Ethyl Acetate	4.64	103	NJ
	Total TIC Compounds		123J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.2	U	
67-66-3	Chloroform	ND	84	7.9	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.0	U	
124-48-1	Dibromochloromethane	ND	56	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	1900	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	
75-69-4	Trichlorofluoromethane	ND	220	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.9	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	UJ
75-25-2	Bromoform	ND	220	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	56	30.	U	
100-41-4	Ethylbenzene	ND	56	7.9	U	
74-87-3	Chloromethane	ND	220	52.	U	
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	25.	U	
75-35-4	1,1-Dichloroethene	ND	56	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	84	7.7	U	UJ
79-01-6	Trichloroethene	ND	28	7.7	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.3	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.6	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	56	16.	U	
1330-20-7	Xylenes, Total	ND	56	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	56	9.8	U	
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	56	11.	U	
75-71-8	Dichlorodifluoromethane	ND	560	52.	U	
67-64-1	Acetone	ND	560	270	U	
75-15-0	Carbon disulfide	ND	560	260	U	
78-93-3	2-Butanone	ND	560	120	U	
108-05-4	Vinyl acetate	ND	560	120	U	
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	560	66.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.4	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.6	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	220	9.5	U	
98-82-8	Isopropylbenzene	ND	56	6.1	U	
99-87-6	p-Isopropyltoluene	ND	56	6.1	U	
91-20-3	Naphthalene	ND	220	37.	U	
107-13-1	Acrylonitrile	ND	220	65.	U	
103-65-1	n-Propylbenzene	ND	56	9.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.11	130	J
	Total TIC Compounds		130J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.2	U	
67-66-3	Chloroform	ND	85	7.9	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.1	U	
124-48-1	Dibromochloromethane	ND	56	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	850	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	
75-69-4	Trichlorofluoromethane	ND	230	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.9	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	UJ
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	56	31.	U	
100-41-4	Ethylbenzene	ND	56	8.0	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	
75-35-4	1,1-Dichloroethene	ND	56	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	85	7.7	U	UJ
79-01-6	Trichloroethene	ND	28	7.7	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.4	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.7	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	56	16.	U	
1330-20-7	Xylenes, Total	ND	56	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	56	9.9	U	
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	56	11.	U	
75-71-8	Dichlorodifluoromethane	ND	560	52.	U	
67-64-1	Acetone	ND	560	270	U	
75-15-0	Carbon disulfide	ND	560	260	U	
78-93-3	2-Butanone	ND	560	120	U	
108-05-4	Vinyl acetate	ND	560	120	U	
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	560	67.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.7	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.6	U	
98-82-8	Isopropylbenzene	ND	56	6.2	U	
99-87-6	p-Isopropyltoluene	ND	56	6.2	U	
91-20-3	Naphthalene	ND	230	37.	U	
107-13-1	Acrylonitrile	ND	230	65.	U	
103-65-1	n-Propylbenzene	ND	56	9.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-10	**Date Collected**	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 12:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190702A12	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	141	J
	Total TIC Compounds		141J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	330	150	U	UJ
75-34-3	1,1-Dichloroethane	ND	66	9.6	U	
67-66-3	Chloroform	ND	99	9.2	U	
56-23-5	Carbon tetrachloride	ND	66	15.	U	
78-87-5	1,2-Dichloropropane	ND	66	8.3	U	
124-48-1	Dibromochloromethane	ND	66	9.2	U	
79-00-5	1,1,2-Trichloroethane	ND	66	18.	U	
127-18-4	Tetrachloroethene	1900	33	13.		
108-90-7	Chlorobenzene	ND	33	8.4	U	
75-69-4	Trichlorofluoromethane	ND	260	46.	U	
107-06-2	1,2-Dichloroethane	ND	66	17.	U	
71-55-6	1,1,1-Trichloroethane	ND	33	11.	U	
75-27-4	Bromodichloromethane	ND	33	7.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	66	18.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	33	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	33	10.	U	
563-58-6	1,1-Dichloropropene	ND	33	10.	U	UJ
75-25-2	Bromoform	ND	260	16.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	33	11.	U	
71-43-2	Benzene	ND	33	11.	U	
108-88-3	Toluene	ND	66	36.	U	
100-41-4	Ethylbenzene	ND	66	9.3	U	
74-87-3	Chloromethane	ND	260	62.	U	
74-83-9	Bromomethane	ND	130	38.	U	UJ
75-01-4	Vinyl chloride	ND	66	22.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	30.	U	
75-35-4	1,1-Dichloroethene	ND	66	16.	U	
156-60-5	trans-1,2-Dichloroethene	ND	99	9.0	U	UJ
79-01-6	Trichloroethene	ND	33	9.0	U	
95-50-1	1,2-Dichlorobenzene	ND	130	9.5	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.8	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	37.	U	
95-47-6	o-Xylene	ND	66	19.	U	
1330-20-7	Xylenes, Total	ND	66	19.	U	
156-59-2	cis-1,2-Dichloroethene	18	66	12.	J	
540-59-0	1,2-Dichloroethene, Total	18	66	9.0	J	
74-95-3	Dibromomethane	ND	130	16.	U	
100-42-5	Styrene	ND	66	13.	U	
75-71-8	Dichlorodifluoromethane	ND	660	60.	U	
67-64-1	Acetone	ND	660	320	U	
75-15-0	Carbon disulfide	ND	660	300	U	
78-93-3	2-Butanone	ND	660	150	U	
108-05-4	Vinyl acetate	ND	660	140	U	
108-10-1	4-Methyl-2-pentanone	ND	660	85.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.4	U	
591-78-6	2-Hexanone	ND	660	78.	U	
74-97-5	Bromochloromethane	ND	130	14.	U	
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	66	18.	U	
142-28-9	1,3-Dichloropropane	ND	130	11.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	8.7	U	
108-86-1	Bromobenzene	ND	130	9.6	U	
104-51-8	n-Butylbenzene	ND	66	11.	U	
135-98-8	sec-Butylbenzene	ND	66	9.6	U	
98-06-6	tert-Butylbenzene	ND	130	7.8	U	
95-49-8	o-Chlorotoluene	ND	130	13.	U	
106-43-4	p-Chlorotoluene	ND	130	7.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	66.	U	
87-68-3	Hexachlorobutadiene	ND	260	11.	U	
98-82-8	Isopropylbenzene	ND	66	7.2	U	
99-87-6	p-Isopropyltoluene	ND	66	7.2	U	
91-20-3	Naphthalene	ND	260	43.	U	
107-13-1	Acrylonitrile	ND	260	76.	U	
103-65-1	n-Propylbenzene	ND	66	11.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	130	13.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U	
123-91-1	1,4-Dioxane	ND	5300	2300	U	R
105-05-5	p-Diethylbenzene	ND	130	12.	U	
622-96-8	p-Ethyltoluene	ND	130	25.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	13.	U	
60-29-7	Ethyl ether	ND	130	22.	U	

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	330	94.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 81
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.08	152	J
	Unknown	3.69	220	J
	Total TIC Compounds		372J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.97	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.97	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.97	0.12	U	
124-48-1	Dibromochloromethane	ND	0.97	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.97	0.26	U	
127-18-4	Tetrachloroethene	68	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.97	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.15	U	UJ
75-25-2	Bromoform	ND	3.9	0.24	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.97	0.53	U	
100-41-4	Ethylbenzene	ND	0.97	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.91	U	
74-83-9	Bromomethane	ND	1.9	0.57	U	UJ
75-01-4	Vinyl chloride	ND	0.97	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.97	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U
79-01-6	Trichloroethene	1.3	0.49	0.13	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.17	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.20	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.97	0.28	U
1330-20-7	Xylenes, Total	ND	0.97	0.28	U
156-59-2	cis-1,2-Dichloroethene	1.6	0.97	0.17	
540-59-0	1,2-Dichloroethene, Total	1.6	0.97	0.13	
74-95-3	Dibromomethane	ND	1.9	0.23	U
100-42-5	Styrene	ND	0.97	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.7	0.89	U
67-64-1	Acetone	12	9.7	4.7	U
75-15-0	Carbon disulfide	ND	9.7	4.4	U
78-93-3	2-Butanone	ND	9.7	2.2	U
108-05-4	Vinyl acetate	ND	9.7	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.7	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.7	1.2	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U UJ
594-20-7	2,2-Dichloropropane	ND	1.9	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.97	0.27	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.97	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.97	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.12	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.19	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.97	U	
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U	
98-82-8	Isopropylbenzene	ND	0.97	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.97	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.63	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.97	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	78	34.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.37	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.19	U	
60-29-7	Ethyl ether	ND	1.9	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 82
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.93	12.4	J
	Unknown	4.64	14.3	J
	Total TIC Compounds		26.7J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 4

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.46	1.93	J
	Aldol Condensates	1.90	136	J
	Unknown Siloxane	5.08	2.91	J
	Total TIC Compounds		141J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	30.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U	
85-68-7	Butyl benzyl phthalate	ND	180	44.	U	
84-74-2	Di-n-butylphthalate	ND	180	33.	U	
117-84-0	Di-n-octylphthalate	ND	180	60.	U	
84-66-2	Diethyl phthalate	ND	180	16.	U	
131-11-3	Dimethyl phthalate	ND	180	37.	U	
56-55-3	Benzo(a)anthracene	ND	100	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	43.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	30.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	21.	U	
86-73-7	Fluorene	ND	180	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U	
129-00-0	Pyrene	ND	100	18.	U	
92-52-4	Biphenyl	ND	400	41.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	250	72.	U
51-28-5	2,4-Dinitrophenol	ND	850	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	85.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	570	180	U
100-51-6	Benzyl Alcohol	ND	180	54.	U
86-74-8	Carbazole	ND	180	17.	U
123-91-1	1,4-Dioxane	ND	26	8.1	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	150	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	19.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U	
85-68-7	Butyl benzyl phthalate	ND	170	43.	U	
84-74-2	Di-n-butylphthalate	ND	170	32.	U	
117-84-0	Di-n-octylphthalate	ND	170	58.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	19.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	26.	U	
120-12-7	Anthracene	ND	100	33.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	16.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	390	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	820	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	82.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	26	7.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U	
85-68-7	Butyl benzyl phthalate	ND	170	44.	U	
84-74-2	Di-n-butylphthalate	ND	170	33.	U	
117-84-0	Di-n-octylphthalate	ND	170	59.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	400	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	34.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	380	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	840	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	84.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	140	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	41.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	39.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	70.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	69.	U
51-28-5	2,4-Dinitrophenol	ND	810	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	81.	U
87-86-5	Pentachlorophenol	ND	140	37.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	25	7.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U	
85-68-7	Butyl benzyl phthalate	ND	170	44.	U	
84-74-2	Di-n-butylphthalate	ND	170	33.	U	
117-84-0	Di-n-octylphthalate	ND	170	59.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	19.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	390	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	830	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/07/19 13:10
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	0.11	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 18:18
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207031933	Analyst	: PS
Sample Amount	: 240 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	156	35.3	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 01:11
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031943	Analyst	: PS
Sample Amount	: 5.498 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.92	2.02	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 01:37
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031944	Analyst	: PS
Sample Amount	: 5.673 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.29	1.86	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 02:03
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031945	Analyst	: PS
Sample Amount	: 5.574 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.72	1.97	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:30
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031948	Analyst	: PS
Sample Amount	: 5.271 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.87	2.01	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:55
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031949	Analyst	: PS
Sample Amount	: 5.878 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	60.6	7.17	1.83	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 04:20
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031950	Analyst	: PS
Sample Amount	: 5.149 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	24.3	8.13	2.07	

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 01:04
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190705a-13	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 04:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-31	Analyst	: KB
Sample Amount	: 15.2 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.8	3.18	U
11104-28-2	Aroclor 1221	ND	35.8	3.59	U
11141-16-5	Aroclor 1232	ND	35.8	7.60	U
53469-21-9	Aroclor 1242	ND	35.8	4.83	U
12672-29-6	Aroclor 1248	ND	35.8	5.37	U
11097-69-1	Aroclor 1254	ND	35.8	3.92	U
11096-82-5	Aroclor 1260	ND	35.8	6.62	U
37324-23-5	Aroclor 1262	ND	35.8	4.55	U
11100-14-4	Aroclor 1268	ND	35.8	3.71	U
1336-36-3	PCBs, Total	ND	35.8	3.18	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 04:55
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-32	Analyst	: KB
Sample Amount	: 15.56 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.2	2.95	U
11104-28-2	Aroclor 1221	ND	33.2	3.33	U
11141-16-5	Aroclor 1232	ND	33.2	7.04	U
53469-21-9	Aroclor 1242	ND	33.2	4.48	U
12672-29-6	Aroclor 1248	ND	33.2	4.98	U
11097-69-1	Aroclor 1254	ND	33.2	3.64	U
11096-82-5	Aroclor 1260	ND	33.2	6.14	U
37324-23-5	Aroclor 1262	ND	33.2	4.22	U
11100-14-4	Aroclor 1268	ND	33.2	3.44	U
1336-36-3	PCBs, Total	ND	33.2	2.95	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:07
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-33	Analyst	: KB
Sample Amount	: 15.66 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.3	3.05	U
11104-28-2	Aroclor 1221	ND	34.3	3.44	U
11141-16-5	Aroclor 1232	ND	34.3	7.28	U
53469-21-9	Aroclor 1242	ND	34.3	4.63	U
12672-29-6	Aroclor 1248	ND	34.3	5.15	U
11097-69-1	Aroclor 1254	ND	34.3	3.76	U
11096-82-5	Aroclor 1260	ND	34.3	6.34	U
37324-23-5	Aroclor 1262	ND	34.3	4.36	U
11100-14-4	Aroclor 1268	ND	34.3	3.56	U
1336-36-3	PCBs, Total	ND	34.3	3.05	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-34	Analyst	: KB
Sample Amount	: 15.47 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.5	2.98	U
11104-28-2	Aroclor 1221	ND	33.5	3.36	U
11141-16-5	Aroclor 1232	ND	33.5	7.11	U
53469-21-9	Aroclor 1242	ND	33.5	4.52	U
12672-29-6	Aroclor 1248	ND	33.5	5.03	U
11097-69-1	Aroclor 1254	ND	33.5	3.67	U
11096-82-5	Aroclor 1260	ND	33.5	6.20	U
37324-23-5	Aroclor 1262	ND	33.5	4.26	U
11100-14-4	Aroclor 1268	ND	33.5	3.47	U
1336-36-3	PCBs, Total	ND	33.5	2.98	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:32
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-35	Analyst	: KB
Sample Amount	: 15.11 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.9	3.10	U
11104-28-2	Aroclor 1221	ND	34.9	3.49	U
11141-16-5	Aroclor 1232	ND	34.9	7.39	U
53469-21-9	Aroclor 1242	ND	34.9	4.70	U
12672-29-6	Aroclor 1248	ND	34.9	5.23	U
11097-69-1	Aroclor 1254	ND	34.9	3.81	U
11096-82-5	Aroclor 1260	ND	34.9	6.44	U
37324-23-5	Aroclor 1262	ND	34.9	4.43	U
11100-14-4	Aroclor 1268	ND	34.9	3.61	U
1336-36-3	PCBs, Total	ND	34.9	3.10	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:44
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-36	Analyst	: KB
Sample Amount	: 15.46 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.9	3.01	U
11104-28-2	Aroclor 1221	ND	33.9	3.39	U
11141-16-5	Aroclor 1232	ND	33.9	7.18	U
53469-21-9	Aroclor 1242	ND	33.9	4.56	U
12672-29-6	Aroclor 1248	ND	33.9	5.08	U
11097-69-1	Aroclor 1254	ND	33.9	3.70	U
11096-82-5	Aroclor 1260	ND	33.9	6.26	U
37324-23-5	Aroclor 1262	ND	33.9	4.30	U
11100-14-4	Aroclor 1268	ND	33.9	3.51	U
1336-36-3	PCBs, Total	ND	33.9	3.01	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 23:16
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190708b-19	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 23:16
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190708b-19	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01RE	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/09/19 12:28
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190709a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01RE	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/09/19 12:28
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190709a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-18	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.72	0.337	U
58-89-9	Lindane	ND	0.717	0.320	U
319-84-6	Alpha-BHC	ND	0.717	0.204	U
319-85-7	Beta-BHC	ND	1.72	0.652	U
76-44-8	Heptachlor	ND	0.860	0.386	U
309-00-2	Aldrin	ND	1.72	0.606	U
1024-57-3	Heptachlor epoxide	ND	3.22	0.967	U
72-20-8	Endrin	ND	0.717	0.294	U
7421-93-4	Endrin aldehyde	ND	2.15	0.752	U
53494-70-5	Endrin ketone	ND	1.72	0.443	U
60-57-1	Dieldrin	ND	1.07	0.537	U
72-55-9	4,4'-DDE	ND	1.72	0.398	U
72-54-8	4,4'-DDD	ND	1.72	0.613	U
50-29-3	4,4'-DDT	ND	3.22	1.38	U
959-98-8	Endosulfan I	ND	1.72	0.406	U
33213-65-9	Endosulfan II	ND	1.72	0.575	U
1031-07-8	Endosulfan sulfate	ND	0.717	0.341	U
72-43-5	Methoxychlor	ND	3.22	1.00	U
8001-35-2	Toxaphene	ND	32.2	9.03	U
5103-71-9	cis-Chlordane	ND	2.15	0.599	U
5103-74-2	trans-Chlordane	ND	2.15	0.568	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-18	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.0	5.70	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-19	Analyst	: KEG
Sample Amount	: 15.53 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.313	U
58-89-9	Lindane	ND	0.666	0.298	U
319-84-6	Alpha-BHC	ND	0.666	0.189	U
319-85-7	Beta-BHC	ND	1.60	0.606	U
76-44-8	Heptachlor	ND	0.799	0.358	U
309-00-2	Aldrin	ND	1.60	0.563	U
1024-57-3	Heptachlor epoxide	ND	3.00	0.899	U
72-20-8	Endrin	ND	0.666	0.273	U
7421-93-4	Endrin aldehyde	ND	2.00	0.699	U
53494-70-5	Endrin ketone	ND	1.60	0.412	U
60-57-1	Dieldrin	ND	0.999	0.499	U
72-55-9	4,4'-DDE	ND	1.60	0.370	U
72-54-8	4,4'-DDD	ND	1.60	0.570	U
50-29-3	4,4'-DDT	ND	3.00	1.28	U
959-98-8	Endosulfan I	ND	1.60	0.378	U
33213-65-9	Endosulfan II	ND	1.60	0.534	U
1031-07-8	Endosulfan sulfate	ND	0.666	0.317	U
72-43-5	Methoxychlor	ND	3.00	0.932	U
8001-35-2	Toxaphene	ND	30.0	8.39	U
5103-71-9	cis-Chlordane	ND	2.00	0.557	U
5103-74-2	trans-Chlordane	ND	2.00	0.527	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-19	Analyst	: KEG
Sample Amount	: 15.53 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.29	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-20	Analyst	: KEG
Sample Amount	: 15.78 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.64	0.320	U
58-89-9	Lindane	ND	0.681	0.304	U
319-84-6	Alpha-BHC	ND	0.681	0.194	U
319-85-7	Beta-BHC	ND	1.64	0.620	U
76-44-8	Heptachlor	ND	0.818	0.366	U
309-00-2	Aldrin	ND	1.64	0.576	U
1024-57-3	Heptachlor epoxide	ND	3.07	0.920	U
72-20-8	Endrin	ND	0.681	0.279	U
7421-93-4	Endrin aldehyde	ND	2.04	0.715	U
53494-70-5	Endrin ketone	ND	1.64	0.421	U
60-57-1	Dieldrin	ND	1.02	0.511	U
72-55-9	4,4'-DDE	ND	1.64	0.378	U
72-54-8	4,4'-DDD	ND	1.64	0.583	U
50-29-3	4,4'-DDT	ND	3.07	1.32	U
959-98-8	Endosulfan I	ND	1.64	0.386	U
33213-65-9	Endosulfan II	ND	1.64	0.546	U
1031-07-8	Endosulfan sulfate	ND	0.681	0.324	U
72-43-5	Methoxychlor	ND	3.07	0.954	U
8001-35-2	Toxaphene	ND	30.7	8.58	U
5103-71-9	cis-Chlordane	ND	2.04	0.570	U
5103-74-2	trans-Chlordane	ND	2.04	0.540	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-20	Analyst	: KEG
Sample Amount	: 15.78 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.3	5.42	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-21	Analyst	: KEG
Sample Amount	: 15.69 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.311	U
58-89-9	Lindane	ND	0.661	0.296	U
319-84-6	Alpha-BHC	ND	0.661	0.188	U
319-85-7	Beta-BHC	ND	1.59	0.602	U
76-44-8	Heptachlor	ND	0.793	0.356	U
309-00-2	Aldrin	ND	1.59	0.559	U
1024-57-3	Heptachlor epoxide	ND	2.98	0.892	U
72-20-8	Endrin	ND	0.661	0.271	U
7421-93-4	Endrin aldehyde	ND	1.98	0.694	U
53494-70-5	Endrin ketone	ND	1.59	0.408	U
60-57-1	Dieldrin	ND	0.992	0.496	U
72-55-9	4,4'-DDE	ND	1.59	0.367	U
72-54-8	4,4'-DDD	ND	1.59	0.566	U
50-29-3	4,4'-DDT	ND	2.98	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.375	U
33213-65-9	Endosulfan II	ND	1.59	0.530	U
1031-07-8	Endosulfan sulfate	ND	0.661	0.315	U
72-43-5	Methoxychlor	ND	2.98	0.926	U
8001-35-2	Toxaphene	ND	29.8	8.33	U
5103-71-9	cis-Chlordane	ND	1.98	0.553	U
5103-74-2	trans-Chlordane	ND	1.98	0.524	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-21	Analyst	: KEG
Sample Amount	: 15.69 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	12.9	5.26	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-22	Analyst	: KEG
Sample Amount	: 15.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.65	0.324	U
58-89-9	Lindane	ND	0.689	0.308	U
319-84-6	Alpha-BHC	ND	0.689	0.196	U
319-85-7	Beta-BHC	ND	1.65	0.627	U
76-44-8	Heptachlor	ND	0.826	0.370	U
309-00-2	Aldrin	ND	1.65	0.582	U
1024-57-3	Heptachlor epoxide	ND	3.10	0.930	U
72-20-8	Endrin	ND	0.689	0.282	U
7421-93-4	Endrin aldehyde	ND	2.07	0.723	U
53494-70-5	Endrin ketone	ND	1.65	0.426	U
60-57-1	Dieldrin	ND	1.03	0.516	U
72-55-9	4,4'-DDE	ND	1.65	0.382	U
72-54-8	4,4'-DDD	ND	1.65	0.590	U
50-29-3	4,4'-DDT	ND	3.10	1.33	U
959-98-8	Endosulfan I	ND	1.65	0.390	U
33213-65-9	Endosulfan II	ND	1.65	0.552	U
1031-07-8	Endosulfan sulfate	ND	0.689	0.328	U
72-43-5	Methoxychlor	ND	3.10	0.964	U
8001-35-2	Toxaphene	ND	31.0	8.68	U
5103-71-9	cis-Chlordane	ND	2.07	0.576	U
5103-74-2	trans-Chlordane	ND	2.07	0.545	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-22	Analyst	: KEG
Sample Amount	: 15.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.4	5.48	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-23	Analyst	: KEG
Sample Amount	: 15.66 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.314	U
58-89-9	Lindane	ND	0.669	0.299	U
319-84-6	Alpha-BHC	ND	0.669	0.190	U
319-85-7	Beta-BHC	ND	1.60	0.608	U
76-44-8	Heptachlor	ND	0.802	0.360	U
309-00-2	Aldrin	ND	1.60	0.565	U
1024-57-3	Heptachlor epoxide	ND	3.01	0.903	U
72-20-8	Endrin	ND	0.669	0.274	U
7421-93-4	Endrin aldehyde	ND	2.00	0.702	U
53494-70-5	Endrin ketone	ND	1.60	0.413	U
60-57-1	Dieldrin	ND	1.00	0.501	U
72-55-9	4,4'-DDE	ND	1.60	0.371	U
72-54-8	4,4'-DDD	ND	1.60	0.572	U
50-29-3	4,4'-DDT	ND	3.01	1.29	U
959-98-8	Endosulfan I	ND	1.60	0.379	U
33213-65-9	Endosulfan II	ND	1.60	0.536	U
1031-07-8	Endosulfan sulfate	ND	0.669	0.318	U
72-43-5	Methoxychlor	ND	3.01	0.936	U
8001-35-2	Toxaphene	ND	30.1	8.42	U
5103-71-9	cis-Chlordane	ND	2.00	0.559	U
5103-74-2	trans-Chlordane	ND	2.00	0.530	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-23	Analyst	: KEG
Sample Amount	: 15.66 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.32	U

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Form 1
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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:19
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.269g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3460	8.58	2.32		
7440-36-0	Antimony, Total	ND	4.29	0.326	U	
7440-38-2	Arsenic, Total	0.275	0.858	0.178	J	
7440-39-3	Barium, Total	35.8	0.858	0.149		
7440-41-7	Beryllium, Total	ND	0.429	0.028	U	
7440-43-9	Cadmium, Total	0.094	0.858	0.084	J	
7440-70-2	Calcium, Total	36700	8.58	3.00		
7440-47-3	Chromium, Total	7.51	0.858	0.082		
7440-48-4	Cobalt, Total	5.48	1.72	0.142		
7440-50-8	Copper, Total	15.5	0.858	0.221		
7439-89-6	Iron, Total	8350	4.29	0.775		
7439-92-1	Lead, Total	2.40	4.29	0.230	J	
7439-95-4	Magnesium, Total	13400	8.58	1.32		
7439-96-5	Manganese, Total	168	0.858	0.136		
7440-02-0	Nickel, Total	9.37	2.15	0.208		
7440-09-7	Potassium, Total	1410	215	12.4		
7782-49-2	Selenium, Total	0.335	1.72	0.221	J	
7440-22-4	Silver, Total	ND	0.858	0.243	U	
7440-23-5	Sodium, Total	110	172	2.70	J	110U
7440-28-0	Thallium, Total	ND	1.72	0.270	U	
7440-62-2	Vanadium, Total	13.9	0.858	0.174		
7440-66-6	Zinc, Total	24.0	4.29	0.252		

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Form 1
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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:42
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.27g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3560	8.14	2.20		
7440-36-0	Antimony, Total	ND	4.07	0.309	U	
7440-38-2	Arsenic, Total	ND	0.814	0.169	U	
7440-39-3	Barium, Total	43.0	0.814	0.142		
7440-41-7	Beryllium, Total	ND	0.407	0.027	U	
7440-43-9	Cadmium, Total	0.155	0.814	0.080	J	
7440-70-2	Calcium, Total	19200	8.14	2.85		
7440-47-3	Chromium, Total	10.8	0.814	0.078		
7440-48-4	Cobalt, Total	11.3	1.63	0.135		
7440-50-8	Copper, Total	28.4	0.814	0.210		
7439-89-6	Iron, Total	13700	4.07	0.735		
7439-92-1	Lead, Total	5.07	4.07	0.218		
7439-95-4	Magnesium, Total	9510	8.14	1.25		
7439-96-5	Manganese, Total	161	0.814	0.129		
7440-02-0	Nickel, Total	16.6	2.04	0.197		
7440-09-7	Potassium, Total	1690	204	11.7		
7782-49-2	Selenium, Total	0.244	1.63	0.210	J	
7440-22-4	Silver, Total	ND	0.814	0.230	U	
7440-23-5	Sodium, Total	67.7	163	2.56	J	163U
7440-28-0	Thallium, Total	ND	1.63	0.256	U	
7440-62-2	Vanadium, Total	20.6	0.814	0.165		
7440-66-6	Zinc, Total	39.7	4.07	0.238		

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:46
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.261g	%Solids	: 93
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	8820	8.53	2.30	
7440-36-0	Antimony, Total	ND	4.26	0.324	U
7440-38-2	Arsenic, Total	0.401	0.853	0.177	J
7440-39-3	Barium, Total	48.9	0.853	0.148	
7440-41-7	Beryllium, Total	ND	0.426	0.028	U
7440-43-9	Cadmium, Total	0.153	0.853	0.084	J
7440-70-2	Calcium, Total	1440	8.53	2.98	
7440-47-3	Chromium, Total	21.6	0.853	0.082	
7440-48-4	Cobalt, Total	8.28	1.70	0.142	
7440-50-8	Copper, Total	16.7	0.853	0.220	
7439-89-6	Iron, Total	15200	4.26	0.770	
7439-92-1	Lead, Total	3.91	4.26	0.228	J
7439-95-4	Magnesium, Total	4430	8.53	1.31	
7439-96-5	Manganese, Total	333	0.853	0.136	
7440-02-0	Nickel, Total	14.4	2.13	0.206	
7440-09-7	Potassium, Total	1690	213	12.3	
7782-49-2	Selenium, Total	ND	1.70	0.220	U
7440-22-4	Silver, Total	ND	0.853	0.241	U
7440-23-5	Sodium, Total	156	170	2.69	J 170U
7440-28-0	Thallium, Total	ND	1.70	0.269	U
7440-62-2	Vanadium, Total	30.4	0.853	0.173	
7440-66-6	Zinc, Total	34.2	4.26	0.250	

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:51
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.298g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4070	7.99	2.16	
7440-36-0	Antimony, Total	ND	4.00	0.304	U
7440-38-2	Arsenic, Total	ND	0.799	0.166	U
7440-39-3	Barium, Total	50.6	0.799	0.139	
7440-41-7	Beryllium, Total	ND	0.400	0.026	U
7440-43-9	Cadmium, Total	0.104	0.799	0.078	J
7440-70-2	Calcium, Total	24700	7.99	2.80	
7440-47-3	Chromium, Total	9.34	0.799	0.077	
7440-48-4	Cobalt, Total	7.46	1.60	0.133	
7440-50-8	Copper, Total	19.3	0.799	0.206	
7439-89-6	Iron, Total	10200	4.00	0.722	
7439-92-1	Lead, Total	2.56	4.00	0.214	J
7439-95-4	Magnesium, Total	10800	7.99	1.23	
7439-96-5	Manganese, Total	166	0.799	0.127	
7440-02-0	Nickel, Total	11.0	2.00	0.193	
7440-09-7	Potassium, Total	1840	200	11.5	
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.799	0.226	U
7440-23-5	Sodium, Total	75.8	160	2.52	J 160U
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	15.5	0.799	0.162	
7440-66-6	Zinc, Total	28.4	4.00	0.234	

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Form 1
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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 19:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.334g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6670	7.90	2.13		
7440-36-0	Antimony, Total	ND	3.95	0.300	U	
7440-38-2	Arsenic, Total	0.276	0.790	0.164	J	
7440-39-3	Barium, Total	60.0	0.790	0.137		
7440-41-7	Beryllium, Total	ND	0.395	0.026	U	
7440-43-9	Cadmium, Total	0.166	0.790	0.077	J	
7440-70-2	Calcium, Total	3480	7.90	2.76		
7440-47-3	Chromium, Total	50.7	0.790	0.076		
7440-48-4	Cobalt, Total	11.3	1.58	0.131		
7440-50-8	Copper, Total	17.9	0.790	0.204		
7439-89-6	Iron, Total	16700	3.95	0.713		
7439-92-1	Lead, Total	3.32	3.95	0.212	J	
7439-95-4	Magnesium, Total	5250	7.90	1.22		
7439-96-5	Manganese, Total	220	0.790	0.126		
7440-02-0	Nickel, Total	27.3	1.97	0.191		
7440-09-7	Potassium, Total	2810	197	11.4		
7782-49-2	Selenium, Total	ND	1.58	0.204	U	
7440-22-4	Silver, Total	ND	0.790	0.224	U	
7440-23-5	Sodium, Total	62.7	158	2.49	J	158U
7440-28-0	Thallium, Total	ND	1.58	0.249	U	
7440-62-2	Vanadium, Total	29.6	0.790	0.160		
7440-66-6	Zinc, Total	35.9	3.95	0.231		

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 19:14
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.254g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5770	8.35	2.25		
7440-36-0	Antimony, Total	ND	4.18	0.317	U	
7440-38-2	Arsenic, Total	ND	0.835	0.174	U	
7440-39-3	Barium, Total	82.3	0.835	0.145		
7440-41-7	Beryllium, Total	ND	0.418	0.028	U	
7440-43-9	Cadmium, Total	0.150	0.835	0.082	J	
7440-70-2	Calcium, Total	10400	8.35	2.92		
7440-47-3	Chromium, Total	16.5	0.835	0.080		
7440-48-4	Cobalt, Total	10.4	1.67	0.139		
7440-50-8	Copper, Total	25.0	0.835	0.215		
7439-89-6	Iron, Total	15100	4.18	0.754		
7439-92-1	Lead, Total	3.85	4.18	0.224	J	
7439-95-4	Magnesium, Total	7360	8.35	1.28		
7439-96-5	Manganese, Total	154	0.835	0.133		
7440-02-0	Nickel, Total	16.3	2.09	0.202		
7440-09-7	Potassium, Total	4030	209	12.0		
7782-49-2	Selenium, Total	ND	1.67	0.215	U	
7440-22-4	Silver, Total	ND	0.835	0.236	U	
7440-23-5	Sodium, Total	86.9	167	2.63	J	167U
7440-28-0	Thallium, Total	ND	1.67	0.263	U	
7440-62-2	Vanadium, Total	27.6	0.835	0.170		
7440-66-6	Zinc, Total	40.8	4.18	0.245		

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 11:43
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1256925.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00050	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00076	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.0512	0.100	0.0394	J
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00218	0.00100	0.00038	
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.229	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00911	0.01000	0.00341	J

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1256257.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 92
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.068	0.045	U

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.042	U

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 93
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.067	0.044	U

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.042	U

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.397g	%Solids	: 95
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

DLM 8/16/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/01/19 15:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-1-2019_02-46-13PM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/30/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0636g	%Solids	: 92
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0575g	%Solids	: 97
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0732g	%Solids	: 93
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.21	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0814g	%Solids	: 96
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.96	0.20	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0743g	%Solids	: 95
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0186g	%Solids	: 96
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 06:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1254264.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/28/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4586g	%Solids	: 92
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.871	0.174	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4953g	%Solids	: 97
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.827	0.165	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5177g	%Solids	: 93
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.860	0.172	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.830	0.166	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5239g	%Solids	: 95
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.843	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4614g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.838	0.168	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1254984-1	Date Collected	: NA
Client ID	: WG1254984-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5004g	%Solids	: NA
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.800	0.160	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1254984-6	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)DUP	Date Received	: 06/27/19
Sample Location	:	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: aj
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4604g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.838	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	91.8	0.100	NA	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.7	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	88.0	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	81.2	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 93
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	93.0	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.4	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	79.8	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	94.9	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	95.5	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	81.3	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 82
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	82.2	0.100	NA	

DLM 8/16/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Revision

July 30, 2019: Tentatively Identified Compounds have been added to the Volatile Organics and Semivolatile Organics analyses.

Report Submission

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

Volatile Organics

L1928386-03 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Pesticides

L1928386-01: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (29%) and decachlorobiphenyl (29%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Metals

L1928386-01: The Field Blank has results for barium, copper and sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1928386-02, 03, -06, -07, -09, and -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1256422-3 MS recoveries for aluminum (339%), iron (679%), magnesium (155%) and manganese (48%), performed on L1928386-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

Case Narrative (continued)

Cyanide, Total

The WG1254382-2/-3 LCS/LCSD recoveries (76%/68%), associated with L1928386-02, -03, -06, -07, -09, and -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 07/30/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

NEW JERSEY 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 3 of

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1978380

Client Information
Client: Impact
Address: 170 Keyland Ct.
Bohemia
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Jose De la Fuente
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + TICs	TCL SVOCs + TICs	TCL Pesticides + PCB	TAL metals	Cyanide + Hex Chromium	1,4 - Dioxane			Sample Specific Comments	Total Bottle
28386 -01	Field Blank - EQ-5	6/27	700	L	LR	X	X	X	X	X	X				
-02	SB-13 (0-2)	6/27	715	S	LR	X	X	X	X	X	X				
-03	SB-13 (9.5-10)	6/27	730	S	LR	X	X	X	X	X	X				
-04	SB-13 (14-14.5)	6/27	800	S	LR	X									
-05	SB-13 (25-25.5)	6/27	820	S	LR	X									
-06	SB-14 (0-2)	6/27	930	S	LR	X	X	X	X	X	X				
-07	SB-14 (9-9.5)	6/27	945	S	LR	X	X	X	X	X	X				
-08	SB-14 (23.5-24)	6/27	1015	S	LR	X									
-09	SB-15 (0-2)	6/27	1100	S	LR	X	X	X	X	X	X				
-10	SB-15 (9-9.5)	6/27	1120	S	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/27/19 1720		6/27/19 1720
	6/27 2100		6/27 2134
	6/28 0230		6/28/19 0130

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: 01-14 HC (rev. 30-Sept-2013)

NEW JERSEY 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 3 of 2

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1928386

Client Information

Client: Impact
Address: 170 Keyland Ct
Bohemia
Phone: 631-269-8800
Fax:
Email: robertson@impactenv.

Project Information

Project Name: 11-35 31st Drive
Project Location: 1135 31st Drive Astoria
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

Turn-Around Time

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

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's+TICs	TCL SVOC's+TICs	TCL Pesticides+PCB	TAL metals	Cyanide, Hexavalent Cr	1,4 - Dioxane			Sample Specific Comments	Total Bottle
28386 - 11	SB-15 (15-15.5)	6/27	1140	S	LR	X									
-12	SB-15 (27.5-28)	6/27	1230	S	LR	X									
-13	Trip Blank	6/27	—	L	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/27/19 1700		6/27/19 1700
	6/27 2100		6/27 2134
	6/28 0230		6/28/19 01:30

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL AND GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1928386

Sampling Date: June 27, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive SDG #: L1928386

Client: Impact Environmental Date: August 23, 2019

Laboratory: Alpha Analytical Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide /PCB	TAL Metals	Hex Cr CN
FIELD BLANK-EQ-5	L1928386-01	Aqueous	X	X	X	X	X	X
SB-13 (0-2)	L1928386-02	Soil	X	X	X	X	X	X
SB-13 (9.5-10)	L1928386-03	Soil	X	X	X	X	X	X
SB-13 (14-14.5)	L1928386-04	Soil	X					
SB-13 (25-25.5)	L1928386-05	Soil	X					
SB-14 (0-2)	L1928386-06	Soil	X	X	X	X	X	X
SB-14 (9-9.5)	L1928386-07	Soil	X	X	X	X	X	X
SB-14 (23.5-24)	L1928386-08	Soil	X					
SB-15 (0-2)	L1928386-09	Soil	X	X	X	X	X	X
SB-15 (9-9.5)	L1928386-10	Soil	X	X	X	X	X	X
SB-15 (15-15.5)	L1928386-11	Soil	X					
SB-15 (27.5-28)	L1928386-12	Soil	X					
TRIP BLANK	L1928386-13	Aqueous	X					

The data packages contained eleven (11) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7040A, 7041B, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, laboratory duplicates, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present. The Trip blank sample was listed on the COC for all analyses; however, sample containers were not submitted for all analyses nor are all analyses to be conducted for a trip blank. VOC analysis was performed on the trip blank.

Holding Time: Holding times were within acceptable criterion for all samples.

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
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Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Q
L1928386-02, L1928386-03, L1928386-07, L1928386-12	Acetone	U
L1928386-02, L1928386-03, L1928386-06, L1928386-07, L1928386-09, L1928386-10	Sodium	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1928386-02, L1928386-03, L1928386-04, L1928386-05, L1928386-06, L1928386-07, L1928386-08, L1928386-09, L1928386-10, L1928386-11, L1928386-12	Bromomethane, methylene chloride, 1,1 Dichloropropene, trans 1,2-Dichloroethene	UJ
L1928386-02, L1928386-03, L1928386-04, L1928386-05, L1928386-06, L1928386-07, L1928386-08, L1928386-09, L1928386-10, L1928386-11, L1928386-12	1,4-Dioxane	R
L1928386-02, L1928386-03, L1928386-06, L1928386-10	Benzo(a)pyrene	UJ

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate: The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1928386-02, L1928386-03, L1928386-06, L1928386-07, L1928386-09, L1928386-10	Cyanide	UJ

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. Inorganic data were acceptable.

Laboratory Duplicate: All results were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene result for L1928386-03 should be considered rejected (R) due to exceeding the calibration range in the low level analysis. The tetrachloroethene result for L1928386-03 should be used in the high level analyses; while all other results are rejected (R). All tentatively identified compounds (TICs) are considered "tentatively identified" and are estimated (NJ).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	6.7	3.1	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U	
67-66-3	Chloroform	ND	2.0	0.19	U	
56-23-5	Carbon tetrachloride	ND	1.3	0.31	U	
78-87-5	1,2-Dichloropropane	ND	1.3	0.17	U	
124-48-1	Dibromochloromethane	ND	1.3	0.19	U	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.36	U	
127-18-4	Tetrachloroethene	110	0.67	0.26		
108-90-7	Chlorobenzene	ND	0.67	0.17	U	
75-69-4	Trichlorofluoromethane	ND	5.4	0.93	U	
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U	
71-55-6	1,1,1-Trichloroethane	ND	0.67	0.22	U	
75-27-4	Bromodichloromethane	ND	0.67	0.15	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.37	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.67	0.21	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.67	0.21	U	
563-58-6	1,1-Dichloropropene	ND	0.67	0.21	U	UJ
75-25-2	Bromoform	ND	5.4	0.33	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.67	0.22	U	
71-43-2	Benzene	0.32	0.67	0.22	J	
108-88-3	Toluene	1.4	1.3	0.73		
100-41-4	Ethylbenzene	ND	1.3	0.19	U	
74-87-3	Chloromethane	ND	5.4	1.2	U	
74-83-9	Bromomethane	ND	2.7	0.78	U	UJ
75-01-4	Vinyl chloride	ND	1.3	0.45	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.7	0.61	U	
75-35-4	1,1-Dichloroethene	ND	1.3	0.32	U	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U	UJ
79-01-6	Trichloroethene	0.25	0.67	0.18	J	
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.19	U	
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U	
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U	
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U	
179601-23-1	p/m-Xylene	ND	2.7	0.75	U	
95-47-6	o-Xylene	ND	1.3	0.39	U	
1330-20-7	Xylenes, Total	ND	1.3	0.39	U	
156-59-2	cis-1,2-Dichloroethene	0.40	1.3	0.23	J	
540-59-0	1,2-Dichloroethene, Total	0.40	1.3	0.18	J	
74-95-3	Dibromomethane	ND	2.7	0.32	U	
100-42-5	Styrene	ND	1.3	0.26	U	
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U	
67-64-1	Acetone	15	13	6.4		U
75-15-0	Carbon disulfide	ND	13	6.1	U	
78-93-3	2-Butanone	ND	13	3.0	U	
108-05-4	Vinyl acetate	ND	13	2.9	U	
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U	
96-18-4	1,2,3-Trichloropropane	ND	2.7	0.17	U	
591-78-6	2-Hexanone	ND	13	1.6	U	
74-97-5	Bromochloromethane	ND	2.7	0.28	U	
594-20-7	2,2-Dichloropropane	ND	2.7	0.27	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.3	0.37	U
142-28-9	1,3-Dichloropropane	ND	2.7	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.67	0.18	U
108-86-1	Bromobenzene	ND	2.7	0.19	U
104-51-8	n-Butylbenzene	ND	1.3	0.22	U
135-98-8	sec-Butylbenzene	ND	1.3	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
95-49-8	o-Chlorotoluene	ND	2.7	0.26	U
106-43-4	p-Chlorotoluene	ND	2.7	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.3	U
87-68-3	Hexachlorobutadiene	ND	5.4	0.23	U
98-82-8	Isopropylbenzene	ND	1.3	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.15	U
91-20-3	Naphthalene	ND	5.4	0.87	U
107-13-1	Acrylonitrile	ND	5.4	1.5	U
103-65-1	n-Propylbenzene	ND	1.3	0.23	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.43	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.36	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.45	U
123-91-1	1,4-Dioxane	ND	110	47.	U R
105-05-5	p-Diethylbenzene	ND	2.7	0.24	U
622-96-8	p-Ethyltoluene	ND	2.7	0.52	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.7	0.26	U
60-29-7	Ethyl ether	ND	2.7	0.46	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.7	1.9	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A14	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 92
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.93	28.4	J
	Unknown	3.26	4	J
000141-78-6	Ethyl Acetate	4.64	9.34	NJ
	Total TIC Compounds		41.7J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.4	2.0	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.88	0.13	U	
67-66-3	Chloroform	0.17	1.3	0.12	J	
56-23-5	Carbon tetrachloride	ND	0.88	0.20	U	
78-87-5	1,2-Dichloropropane	ND	0.88	0.11	U	
124-48-1	Dibromochloromethane	ND	0.88	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.88	0.24	U	
127-18-4	Tetrachloroethene	430	0.44	0.17	E	R
108-90-7	Chlorobenzene	ND	0.44	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U	
107-06-2	1,2-Dichloroethane	ND	0.88	0.23	U	
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U	
75-27-4	Bromodichloromethane	ND	0.44	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.88	0.24	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U	
563-58-6	1,1-Dichloropropene	ND	0.44	0.14	U	UJ
75-25-2	Bromoform	ND	3.5	0.22	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U	
71-43-2	Benzene	ND	0.44	0.15	U	
108-88-3	Toluene	ND	0.88	0.48	U	
100-41-4	Ethylbenzene	ND	0.88	0.12	U	
74-87-3	Chloromethane	ND	3.5	0.82	U	
74-83-9	Bromomethane	ND	1.8	0.51	U	UJ
75-01-4	Vinyl chloride	ND	0.88	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.8	0.40	U	
75-35-4	1,1-Dichloroethene	ND	0.88	0.21	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U	UJ
79-01-6	Trichloroethene	1.6	0.44	0.12		
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U	
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U	
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U	
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U	
179601-23-1	p/m-Xylene	ND	1.8	0.49	U	
95-47-6	o-Xylene	ND	0.88	0.26	U	
1330-20-7	Xylenes, Total	ND	0.88	0.26	U	
156-59-2	cis-1,2-Dichloroethene	2.7	0.88	0.15		
540-59-0	1,2-Dichloroethene, Total	2.7	0.88	0.12		
74-95-3	Dibromomethane	ND	1.8	0.21	U	
100-42-5	Styrene	ND	0.88	0.17	U	
75-71-8	Dichlorodifluoromethane	ND	8.8	0.81	U	
67-64-1	Acetone	8.0	8.8	4.2	J	8.8U
75-15-0	Carbon disulfide	ND	8.8	4.0	U	
78-93-3	2-Butanone	ND	8.8	2.0	U	
108-05-4	Vinyl acetate	ND	8.8	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	8.8	1.1	U	
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U	
591-78-6	2-Hexanone	ND	8.8	1.0	U	
74-97-5	Bromochloromethane	ND	1.8	0.18	U	
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.88	0.25	U	
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.44	0.12	J	
108-86-1	Bromobenzene	ND	1.8	0.13	U	
104-51-8	n-Butylbenzene	ND	0.88	0.15	U	
135-98-8	sec-Butylbenzene	ND	0.88	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U	
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.88	U	
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U	
98-82-8	Isopropylbenzene	ND	0.88	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.88	0.10	U	
91-20-3	Naphthalene	ND	3.5	0.57	U	
107-13-1	Acrylonitrile	ND	3.5	1.0	U	
103-65-1	n-Propylbenzene	ND	0.88	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.28	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.29	U	
123-91-1	1,4-Dioxane	ND	70	31.	U	R
105-05-5	p-Diethylbenzene	ND	1.8	0.16	U	
622-96-8	p-Ethyltoluene	ND	1.8	0.34	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.8	0.17	U	
60-29-7	Ethyl ether	ND	1.8	0.30	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.4	1.2	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	R
75-34-3	1,1-Dichloroethane	ND	57	8.2	U	
67-66-3	Chloroform	ND	85	7.9	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.1	U	
124-48-1	Dibromochloromethane	ND	57	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	440	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	R
75-69-4	Trichlorofluoromethane	ND	230	39.	U	
107-06-2	1,2-Dichloroethane	ND	57	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.5	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	9.0	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.0	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	R
75-35-4	1,1-Dichloroethene	ND	57	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	85	7.8	U	
79-01-6	Trichloroethene	ND	28	7.8	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.4	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.7	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	16.	U	
1330-20-7	Xylenes, Total	ND	57	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	57	9.9	U	
540-59-0	1,2-Dichloroethene, Total	ND	57	7.8	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	270	U	
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	120	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	570	67.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	57	16.	U	R
142-28-9	1,3-Dichloropropane	ND	110	9.5	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	57	9.5	U	
135-98-8	sec-Butylbenzene	ND	57	8.3	U	
98-06-6	tert-Butylbenzene	ND	110	6.7	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.6	U	
98-82-8	Isopropylbenzene	ND	57	6.2	U	
99-87-6	p-Isopropyltoluene	ND	57	6.2	U	
91-20-3	Naphthalene	ND	230	37.	U	
107-13-1	Acrylonitrile	ND	230	65.	U	
103-65-1	n-Propylbenzene	ND	57	9.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 97
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A15	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 09:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190703B07	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.66	202	J
	Total TIC Compounds		202J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.1	U	
67-66-3	Chloroform	ND	84	7.8	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.0	U	
124-48-1	Dibromochloromethane	ND	56	7.8	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	1100	28	11.		
108-90-7	Chlorobenzene	ND	28	7.1	U	
75-69-4	Trichlorofluoromethane	ND	220	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.8	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.8	U	
563-58-6	1,1-Dichloropropene	ND	28	8.9	U	UJ
75-25-2	Bromoform	ND	220	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.3	U	
71-43-2	Benzene	ND	28	9.3	U	
108-88-3	Toluene	ND	56	30.	U	
100-41-4	Ethylbenzene	ND	56	7.9	U	
74-87-3	Chloromethane	ND	220	52.	U	
74-83-9	Bromomethane	ND	110	32.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	110	25.	U
75-35-4	1,1-Dichloroethene	ND	56	13.	U
156-60-5	trans-1,2-Dichloroethene	ND	84	7.7	U Uj
79-01-6	Trichloroethene	ND	28	7.7	U
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U
541-73-1	1,3-Dichlorobenzene	ND	110	8.3	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.6	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	ND	110	31.	U
95-47-6	o-Xylene	ND	56	16.	U
1330-20-7	Xylenes, Total	ND	56	16.	U
156-59-2	cis-1,2-Dichloroethene	ND	56	9.8	U
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U
74-95-3	Dibromomethane	ND	110	13.	U
100-42-5	Styrene	ND	56	11.	U
75-71-8	Dichlorodifluoromethane	ND	560	51.	U
67-64-1	Acetone	ND	560	270	U
75-15-0	Carbon disulfide	ND	560	260	U
78-93-3	2-Butanone	ND	560	120	U
108-05-4	Vinyl acetate	ND	560	120	U
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U
96-18-4	1,2,3-Trichloropropane	ND	110	7.1	U
591-78-6	2-Hexanone	ND	560	66.	U
74-97-5	Bromochloromethane	ND	110	11.	U
594-20-7	2,2-Dichloropropane	ND	110	11.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.4	U	
108-86-1	Bromobenzene	ND	110	8.1	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.6	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	220	9.5	U	
98-82-8	Isopropylbenzene	ND	56	6.1	U	
99-87-6	p-Isopropyltoluene	ND	56	6.1	U	
91-20-3	Naphthalene	ND	220	36.	U	
107-13-1	Acrylonitrile	ND	220	64.	U	
103-65-1	n-Propylbenzene	ND	56	9.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	9.9	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190702A10	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 88
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.10	148	J
	Total TIC Compounds		148J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.7	2.2	U	Uj
75-34-3	1,1-Dichloroethane	ND	0.95	0.14	U	
67-66-3	Chloroform	0.16	1.4	0.13	J	
56-23-5	Carbon tetrachloride	ND	0.95	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.95	0.12	U	
124-48-1	Dibromochloromethane	ND	0.95	0.13	U	
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.25	U	
127-18-4	Tetrachloroethene	160	0.47	0.18		
108-90-7	Chlorobenzene	ND	0.47	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U	
107-06-2	1,2-Dichloroethane	ND	0.95	0.24	U	
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U	
75-27-4	Bromodichloromethane	ND	0.47	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.95	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.47	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.47	0.15	U	UJ
75-25-2	Bromoform	ND	3.8	0.23	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.16	U	
71-43-2	Benzene	ND	0.47	0.16	U	
108-88-3	Toluene	0.53	0.95	0.51	J	
100-41-4	Ethylbenzene	ND	0.95	0.13	U	
74-87-3	Chloromethane	ND	3.8	0.88	U	
74-83-9	Bromomethane	ND	1.9	0.55	U	UJ
75-01-4	Vinyl chloride	ND	0.95	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.43	U
75-35-4	1,1-Dichloroethene	ND	0.95	0.22	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	2.2	0.47	0.13	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	0.49	1.9	0.19	J
179601-23-1	p/m-Xylene	ND	1.9	0.53	U
95-47-6	o-Xylene	ND	0.95	0.28	U
1330-20-7	Xylenes, Total	ND	0.95	0.28	U
156-59-2	cis-1,2-Dichloroethene	9.6	0.95	0.16	
540-59-0	1,2-Dichloroethene, Total	9.6	0.95	0.13	
74-95-3	Dibromomethane	ND	1.9	0.22	U
100-42-5	Styrene	ND	0.95	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.5	0.87	U
67-64-1	Acetone	17	9.5	4.6	
75-15-0	Carbon disulfide	ND	9.5	4.3	U
78-93-3	2-Butanone	ND	9.5	2.1	U
108-05-4	Vinyl acetate	ND	9.5	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.5	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.5	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A16	Instrument ID	: VOA111
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.95	0.26	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.47	0.12	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.95	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.95	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.94	U	
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U	
98-82-8	Isopropylbenzene	ND	0.95	0.10	U	
99-87-6	p-Isopropyltoluene	ND	0.95	0.10	U	
91-20-3	Naphthalene	ND	3.8	0.62	U	
107-13-1	Acrylonitrile	ND	3.8	1.1	U	
103-65-1	n-Propylbenzene	ND	0.95	0.16	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.18	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	76	33.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.36	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.18	U	
60-29-7	Ethyl ether	ND	1.9	0.32	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-05	**Date Collected**	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A16	**Instrument ID**	: VOA111
Sample Amount	: 6.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.7	1.3	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-05	**Date Collected**	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 14:27
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A16	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	4.64	16.8	J
	Total TIC Compounds		16.8J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.0	2.3	U	Uj
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	36	0.50	0.20		
108-90-7	Chlorobenzene	ND	0.50	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U	
75-27-4	Bromodichloromethane	ND	0.50	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U	Uj
75-25-2	Bromoform	ND	4.0	0.25	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U	
71-43-2	Benzene	0.20	0.50	0.17	J	
108-88-3	Toluene	0.86	1.0	0.54	J	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.0	0.93	U	
74-83-9	Bromomethane	ND	2.0	0.58	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.45	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U	UJ
79-01-6	Trichloroethene	ND	0.50	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.56	U	
95-47-6	o-Xylene	ND	1.0	0.29	U	
1330-20-7	Xylenes, Total	ND	1.0	0.29	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U	
67-64-1	Acetone	23	10	4.8		
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.0	0.65	U	
107-13-1	Acrylonitrile	ND	4.0	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	80	35.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 14:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A17	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 93
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 6

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	1.99	2.01	NJ
000287-92-3	Cyclopentane	2.92	11.1	NJ
	Unknown	3.43	2.14	J
000141-78-6	Ethyl Acetate	4.64	13	NJ
	Unknown	6.01	4.38	J
	Total TIC Compounds		32.6J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	41	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.72	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.16	U	UJ
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	0.19	0.52	0.17	J	
108-88-3	Toluene	0.94	1.0	0.56	J	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.60	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	UJ
79-01-6	Trichloroethene	ND	0.52	0.14	U	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U	
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U	
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.95	U	
67-64-1	Acetone	7.4	10	5.0	J	10U
75-15-0	Carbon disulfide	ND	10	4.7	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.2	0.68	U	
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	83	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A18	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 96
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	2.00	2.18	NJ
	Unknown	2.93	5.1	J
	Total TIC Compounds		7.28J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.6	0.15	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U	
127-18-4	Tetrachloroethene	18	0.52	0.20		
108-90-7	Chlorobenzene	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.2	0.72	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U	
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U	
75-27-4	Bromodichloromethane	ND	0.52	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.52	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.52	0.17	U	UJ
75-25-2	Bromoform	ND	4.2	0.26	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	ND	0.52	0.17	U	
108-88-3	Toluene	ND	1.0	0.57	U	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.2	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.61	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.1	0.47	U	
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U	UJ
79-01-6	Trichloroethene	0.83	0.52	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U	
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U	
179601-23-1	p/m-Xylene	ND	2.1	0.58	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	0.18		
540-59-0	1,2-Dichloroethene, Total	1.6	1.0	0.14		
74-95-3	Dibromomethane	ND	2.1	0.25	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U	
67-64-1	Acetone	140	10	5.0		
75-15-0	Carbon disulfide	ND	10	4.8	U	
78-93-3	2-Butanone	ND	10	2.3	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.1	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.1	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.52	0.14	U	
108-86-1	Bromobenzene	ND	2.1	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.2	0.68	U	
107-13-1	Acrylonitrile	ND	4.2	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U	
123-91-1	1,4-Dioxane	ND	84	37.	U	R
105-05-5	p-Diethylbenzene	ND	2.1	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.1	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U	
60-29-7	Ethyl ether	ND	2.1	0.36	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.2	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 15:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A19	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 80
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 5

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.26	6.61	J
	Unknown	3.43	7.52	J
	Unknown	4.47	5.81	J
000141-78-6	Ethyl Acetate	4.64	103	NJ
	Total TIC Compounds		123J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.2	U	
67-66-3	Chloroform	ND	84	7.9	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.0	U	
124-48-1	Dibromochloromethane	ND	56	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	1900	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	
75-69-4	Trichlorofluoromethane	ND	220	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.9	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	UJ
75-25-2	Bromoform	ND	220	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	56	30.	U	
100-41-4	Ethylbenzene	ND	56	7.9	U	
74-87-3	Chloromethane	ND	220	52.	U	
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	25.	U	
75-35-4	1,1-Dichloroethene	ND	56	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	84	7.7	U	UJ
79-01-6	Trichloroethene	ND	28	7.7	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.3	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.6	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	56	16.	U	
1330-20-7	Xylenes, Total	ND	56	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	56	9.8	U	
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	56	11.	U	
75-71-8	Dichlorodifluoromethane	ND	560	52.	U	
67-64-1	Acetone	ND	560	270	U	
75-15-0	Carbon disulfide	ND	560	260	U	
78-93-3	2-Butanone	ND	560	120	U	
108-05-4	Vinyl acetate	ND	560	120	U	
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	560	66.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.4	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.6	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	220	9.5	U	
98-82-8	Isopropylbenzene	ND	56	6.1	U	
99-87-6	p-Isopropyltoluene	ND	56	6.1	U	
91-20-3	Naphthalene	ND	220	37.	U	
107-13-1	Acrylonitrile	ND	220	65.	U	
103-65-1	n-Propylbenzene	ND	56	9.6	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 95
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A11	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 95
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.11	130	J
	Total TIC Compounds		130J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	280	130	U	UJ
75-34-3	1,1-Dichloroethane	ND	56	8.2	U	
67-66-3	Chloroform	ND	85	7.9	U	
56-23-5	Carbon tetrachloride	ND	56	13.	U	
78-87-5	1,2-Dichloropropane	ND	56	7.1	U	
124-48-1	Dibromochloromethane	ND	56	7.9	U	
79-00-5	1,1,2-Trichloroethane	ND	56	15.	U	
127-18-4	Tetrachloroethene	850	28	11.		
108-90-7	Chlorobenzene	ND	28	7.2	U	
75-69-4	Trichlorofluoromethane	ND	230	39.	U	
107-06-2	1,2-Dichloroethane	ND	56	14.	U	
71-55-6	1,1,1-Trichloroethane	ND	28	9.4	U	
75-27-4	Bromodichloromethane	ND	28	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	56	15.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	28	8.9	U	
563-58-6	1,1-Dichloropropene	ND	28	9.0	U	UJ
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.4	U	
71-43-2	Benzene	ND	28	9.4	U	
108-88-3	Toluene	ND	56	31.	U	
100-41-4	Ethylbenzene	ND	56	8.0	U	
74-87-3	Chloromethane	ND	230	53.	U	
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	56	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	
75-35-4	1,1-Dichloroethene	ND	56	13.	U	
156-60-5	trans-1,2-Dichloroethene	ND	85	7.7	U	UJ
79-01-6	Trichloroethene	ND	28	7.7	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.1	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.4	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.7	U	
1634-04-4	Methyl tert butyl ether	ND	110	11.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	56	16.	U	
1330-20-7	Xylenes, Total	ND	56	16.	U	
156-59-2	cis-1,2-Dichloroethene	ND	56	9.9	U	
540-59-0	1,2-Dichloroethene, Total	ND	56	7.7	U	
74-95-3	Dibromomethane	ND	110	13.	U	
100-42-5	Styrene	ND	56	11.	U	
75-71-8	Dichlorodifluoromethane	ND	560	52.	U	
67-64-1	Acetone	ND	560	270	U	
75-15-0	Carbon disulfide	ND	560	260	U	
78-93-3	2-Butanone	ND	560	120	U	
108-05-4	Vinyl acetate	ND	560	120	U	
108-10-1	4-Methyl-2-pentanone	ND	560	72.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.2	U	
591-78-6	2-Hexanone	ND	560	67.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	11.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	56	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.5	U	
108-86-1	Bromobenzene	ND	110	8.2	U	
104-51-8	n-Butylbenzene	ND	56	9.4	U	
135-98-8	sec-Butylbenzene	ND	56	8.2	U	
98-06-6	tert-Butylbenzene	ND	110	6.7	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	56.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.6	U	
98-82-8	Isopropylbenzene	ND	56	6.2	U	
99-87-6	p-Isopropyltoluene	ND	56	6.2	U	
91-20-3	Naphthalene	ND	230	37.	U	
107-13-1	Acrylonitrile	ND	230	65.	U	
103-65-1	n-Propylbenzene	ND	56	9.7	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4500	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A12	Instrument ID	: VOA111
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	80.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-10	**Date Collected**	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 12:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190702A12	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	141	J
	Total TIC Compounds		141J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	330	150	U	UJ
75-34-3	1,1-Dichloroethane	ND	66	9.6	U	
67-66-3	Chloroform	ND	99	9.2	U	
56-23-5	Carbon tetrachloride	ND	66	15.	U	
78-87-5	1,2-Dichloropropane	ND	66	8.3	U	
124-48-1	Dibromochloromethane	ND	66	9.2	U	
79-00-5	1,1,2-Trichloroethane	ND	66	18.	U	
127-18-4	Tetrachloroethene	1900	33	13.		
108-90-7	Chlorobenzene	ND	33	8.4	U	
75-69-4	Trichlorofluoromethane	ND	260	46.	U	
107-06-2	1,2-Dichloroethane	ND	66	17.	U	
71-55-6	1,1,1-Trichloroethane	ND	33	11.	U	
75-27-4	Bromodichloromethane	ND	33	7.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	66	18.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	33	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	33	10.	U	
563-58-6	1,1-Dichloropropene	ND	33	10.	U	UJ
75-25-2	Bromoform	ND	260	16.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	33	11.	U	
71-43-2	Benzene	ND	33	11.	U	
108-88-3	Toluene	ND	66	36.	U	
100-41-4	Ethylbenzene	ND	66	9.3	U	
74-87-3	Chloromethane	ND	260	62.	U	
74-83-9	Bromomethane	ND	130	38.	U	UJ
75-01-4	Vinyl chloride	ND	66	22.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	30.	U	
75-35-4	1,1-Dichloroethene	ND	66	16.	U	
156-60-5	trans-1,2-Dichloroethene	ND	99	9.0	U	UJ
79-01-6	Trichloroethene	ND	33	9.0	U	
95-50-1	1,2-Dichlorobenzene	ND	130	9.5	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.8	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	37.	U	
95-47-6	o-Xylene	ND	66	19.	U	
1330-20-7	Xylenes, Total	ND	66	19.	U	
156-59-2	cis-1,2-Dichloroethene	18	66	12.	J	
540-59-0	1,2-Dichloroethene, Total	18	66	9.0	J	
74-95-3	Dibromomethane	ND	130	16.	U	
100-42-5	Styrene	ND	66	13.	U	
75-71-8	Dichlorodifluoromethane	ND	660	60.	U	
67-64-1	Acetone	ND	660	320	U	
75-15-0	Carbon disulfide	ND	660	300	U	
78-93-3	2-Butanone	ND	660	150	U	
108-05-4	Vinyl acetate	ND	660	140	U	
108-10-1	4-Methyl-2-pentanone	ND	660	85.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.4	U	
591-78-6	2-Hexanone	ND	660	78.	U	
74-97-5	Bromochloromethane	ND	130	14.	U	
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	66	18.	U	
142-28-9	1,3-Dichloropropane	ND	130	11.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	8.7	U	
108-86-1	Bromobenzene	ND	130	9.6	U	
104-51-8	n-Butylbenzene	ND	66	11.	U	
135-98-8	sec-Butylbenzene	ND	66	9.6	U	
98-06-6	tert-Butylbenzene	ND	130	7.8	U	
95-49-8	o-Chlorotoluene	ND	130	13.	U	
106-43-4	p-Chlorotoluene	ND	130	7.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	66.	U	
87-68-3	Hexachlorobutadiene	ND	260	11.	U	
98-82-8	Isopropylbenzene	ND	66	7.2	U	
99-87-6	p-Isopropyltoluene	ND	66	7.2	U	
91-20-3	Naphthalene	ND	260	43.	U	
107-13-1	Acrylonitrile	ND	260	76.	U	
103-65-1	n-Propylbenzene	ND	66	11.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	130	13.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U	
123-91-1	1,4-Dioxane	ND	5300	2300	U	R
105-05-5	p-Diethylbenzene	ND	130	12.	U	
622-96-8	p-Ethyltoluene	ND	130	25.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	13.	U	
60-29-7	Ethyl ether	ND	130	22.	U	

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	330	94.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 13:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190702A13	Instrument ID	: VOA111
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 81
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 3

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.08	152	J
	Unknown	3.69	220	J
	Total TIC Compounds		372J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.97	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.97	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.97	0.12	U	
124-48-1	Dibromochloromethane	ND	0.97	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.97	0.26	U	
127-18-4	Tetrachloroethene	68	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.97	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.15	U	UJ
75-25-2	Bromoform	ND	3.9	0.24	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.97	0.53	U	
100-41-4	Ethylbenzene	ND	0.97	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.91	U	
74-83-9	Bromomethane	ND	1.9	0.57	U	UJ
75-01-4	Vinyl chloride	ND	0.97	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.97	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U
79-01-6	Trichloroethene	1.3	0.49	0.13	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.17	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.20	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.97	0.28	U
1330-20-7	Xylenes, Total	ND	0.97	0.28	U
156-59-2	cis-1,2-Dichloroethene	1.6	0.97	0.17	
540-59-0	1,2-Dichloroethene, Total	1.6	0.97	0.13	
74-95-3	Dibromomethane	ND	1.9	0.23	U
100-42-5	Styrene	ND	0.97	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.7	0.89	U
67-64-1	Acetone	12	9.7	4.7	U
75-15-0	Carbon disulfide	ND	9.7	4.4	U
78-93-3	2-Butanone	ND	9.7	2.2	U
108-05-4	Vinyl acetate	ND	9.7	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.7	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.7	1.2	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U UJ
594-20-7	2,2-Dichloropropane	ND	1.9	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.97	0.27	U	
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	1.9	0.14	U	
104-51-8	n-Butylbenzene	ND	0.97	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.97	0.14	U	
98-06-6	tert-Butylbenzene	ND	1.9	0.12	U	
95-49-8	o-Chlorotoluene	ND	1.9	0.19	U	
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.97	U	
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U	
98-82-8	Isopropylbenzene	ND	0.97	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.97	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.63	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.97	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U	
123-91-1	1,4-Dioxane	ND	78	34.	U	R
105-05-5	p-Diethylbenzene	ND	1.9	0.17	U	
622-96-8	p-Ethyltoluene	ND	1.9	0.37	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.9	0.19	U	
60-29-7	Ethyl ether	ND	1.9	0.33	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V11190702A20	Instrument ID	: VOA111
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928386
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928386-12	**Date Collected**	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	**Date Received**	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/02/19 16:13
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AD
Lab File ID	: V11190702A20	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 82
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.93	12.4	J
	Unknown	4.64	14.3	J
	Total TIC Compounds		26.7J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-13	Date Collected	: 06/27/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V01190702A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:03
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 4

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.46	1.93	J
	Aldol Condensates	1.90	136	J
	Unknown Siloxane	5.08	2.91	J
	Total TIC Compounds		141J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	30.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U	
85-68-7	Butyl benzyl phthalate	ND	180	44.	U	
84-74-2	Di-n-butylphthalate	ND	180	33.	U	
117-84-0	Di-n-octylphthalate	ND	180	60.	U	
84-66-2	Diethyl phthalate	ND	180	16.	U	
131-11-3	Dimethyl phthalate	ND	180	37.	U	
56-55-3	Benzo(a)anthracene	ND	100	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	43.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	30.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	21.	U	
86-73-7	Fluorene	ND	180	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U	
129-00-0	Pyrene	ND	100	18.	U	
92-52-4	Biphenyl	ND	400	41.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	250	72.	U
51-28-5	2,4-Dinitrophenol	ND	850	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	85.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	570	180	U
100-51-6	Benzyl Alcohol	ND	180	54.	U
86-74-8	Carbazole	ND	180	17.	U
123-91-1	1,4-Dioxane	ND	26	8.1	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 16:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-02	Analyst	: ALS
Sample Amount	: 30.83 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

DLM 8/16/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	150	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	19.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U	
85-68-7	Butyl benzyl phthalate	ND	170	43.	U	
84-74-2	Di-n-butylphthalate	ND	170	32.	U	
117-84-0	Di-n-octylphthalate	ND	170	58.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	19.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	26.	U	
120-12-7	Anthracene	ND	100	33.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	16.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	390	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	820	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	82.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	26	7.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-03	Analyst	: ALS
Sample Amount	: 30.31 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U	
85-68-7	Butyl benzyl phthalate	ND	170	44.	U	
84-74-2	Di-n-butylphthalate	ND	170	33.	U	
117-84-0	Di-n-octylphthalate	ND	170	59.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	400	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	34.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	380	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	840	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	84.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:26
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-06	Analyst	: ALS
Sample Amount	: 30.88 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	140	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	41.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	39.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	70.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	69.	U
51-28-5	2,4-Dinitrophenol	ND	810	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	81.	U
87-86-5	Pentachlorophenol	ND	140	37.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	25	7.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 18:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-07	Analyst	: EK
Sample Amount	: 30.59 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 19:08
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-09	Analyst	: EK
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U	
85-68-7	Butyl benzyl phthalate	ND	170	44.	U	
84-74-2	Di-n-butylphthalate	ND	170	33.	U	
117-84-0	Di-n-octylphthalate	ND	170	59.	U	
84-66-2	Diethyl phthalate	ND	170	16.	U	
131-11-3	Dimethyl phthalate	ND	170	36.	U	
56-55-3	Benzo(a)anthracene	ND	100	19.	U	
50-32-8	Benzo(a)pyrene	ND	140	42.	U	UJ
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U	
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U	
218-01-9	Chrysene	ND	100	18.	U	
208-96-8	Acenaphthylene	ND	140	27.	U	
120-12-7	Anthracene	ND	100	34.	U	
191-24-2	Benzo(ghi)perylene	ND	140	20.	U	
86-73-7	Fluorene	ND	170	17.	U	
85-01-8	Phenanthrene	ND	100	21.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U	
129-00-0	Pyrene	ND	100	17.	U	
92-52-4	Biphenyl	ND	390	40.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	830	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 17:52
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28386-10	Analyst	: ALS
Sample Amount	: 30.25 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/07/19 13:10
Sample Matrix	: WATER	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 28386-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	0.11	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 18:18
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207031933	Analyst	: PS
Sample Amount	: 240 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	156	35.3	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 01:11
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031943	Analyst	: PS
Sample Amount	: 5.498 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.92	2.02	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 01:37
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031944	Analyst	: PS
Sample Amount	: 5.673 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.29	1.86	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 02:03
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031945	Analyst	: PS
Sample Amount	: 5.574 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.72	1.97	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:30
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031948	Analyst	: PS
Sample Amount	: 5.271 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.87	2.01	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 03:55
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031949	Analyst	: PS
Sample Amount	: 5.878 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	60.6	7.17	1.83	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/04/19 04:20
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F607031950	Analyst	: PS
Sample Amount	: 5.149 g	Instrument ID	: GCMS6
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	24.3	8.13	2.07	

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/05/19 01:04
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190705a-13	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 04:43
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-31	Analyst	: KB
Sample Amount	: 15.2 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.8	3.18	U
11104-28-2	Aroclor 1221	ND	35.8	3.59	U
11141-16-5	Aroclor 1232	ND	35.8	7.60	U
53469-21-9	Aroclor 1242	ND	35.8	4.83	U
12672-29-6	Aroclor 1248	ND	35.8	5.37	U
11097-69-1	Aroclor 1254	ND	35.8	3.92	U
11096-82-5	Aroclor 1260	ND	35.8	6.62	U
37324-23-5	Aroclor 1262	ND	35.8	4.55	U
11100-14-4	Aroclor 1268	ND	35.8	3.71	U
1336-36-3	PCBs, Total	ND	35.8	3.18	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 04:55
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-32	Analyst	: KB
Sample Amount	: 15.56 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.2	2.95	U
11104-28-2	Aroclor 1221	ND	33.2	3.33	U
11141-16-5	Aroclor 1232	ND	33.2	7.04	U
53469-21-9	Aroclor 1242	ND	33.2	4.48	U
12672-29-6	Aroclor 1248	ND	33.2	4.98	U
11097-69-1	Aroclor 1254	ND	33.2	3.64	U
11096-82-5	Aroclor 1260	ND	33.2	6.14	U
37324-23-5	Aroclor 1262	ND	33.2	4.22	U
11100-14-4	Aroclor 1268	ND	33.2	3.44	U
1336-36-3	PCBs, Total	ND	33.2	2.95	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:07
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-33	Analyst	: KB
Sample Amount	: 15.66 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.3	3.05	U
11104-28-2	Aroclor 1221	ND	34.3	3.44	U
11141-16-5	Aroclor 1232	ND	34.3	7.28	U
53469-21-9	Aroclor 1242	ND	34.3	4.63	U
12672-29-6	Aroclor 1248	ND	34.3	5.15	U
11097-69-1	Aroclor 1254	ND	34.3	3.76	U
11096-82-5	Aroclor 1260	ND	34.3	6.34	U
37324-23-5	Aroclor 1262	ND	34.3	4.36	U
11100-14-4	Aroclor 1268	ND	34.3	3.56	U
1336-36-3	PCBs, Total	ND	34.3	3.05	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:19
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-34	Analyst	: KB
Sample Amount	: 15.47 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.5	2.98	U
11104-28-2	Aroclor 1221	ND	33.5	3.36	U
11141-16-5	Aroclor 1232	ND	33.5	7.11	U
53469-21-9	Aroclor 1242	ND	33.5	4.52	U
12672-29-6	Aroclor 1248	ND	33.5	5.03	U
11097-69-1	Aroclor 1254	ND	33.5	3.67	U
11096-82-5	Aroclor 1260	ND	33.5	6.20	U
37324-23-5	Aroclor 1262	ND	33.5	4.26	U
11100-14-4	Aroclor 1268	ND	33.5	3.47	U
1336-36-3	PCBs, Total	ND	33.5	2.98	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:32
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-35	Analyst	: KB
Sample Amount	: 15.11 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.9	3.10	U
11104-28-2	Aroclor 1221	ND	34.9	3.49	U
11141-16-5	Aroclor 1232	ND	34.9	7.39	U
53469-21-9	Aroclor 1242	ND	34.9	4.70	U
12672-29-6	Aroclor 1248	ND	34.9	5.23	U
11097-69-1	Aroclor 1254	ND	34.9	3.81	U
11096-82-5	Aroclor 1260	ND	34.9	6.44	U
37324-23-5	Aroclor 1262	ND	34.9	4.43	U
11100-14-4	Aroclor 1268	ND	34.9	3.61	U
1336-36-3	PCBs, Total	ND	34.9	3.10	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/06/19 05:44
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190705b-36	Analyst	: KB
Sample Amount	: 15.46 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.9	3.01	U
11104-28-2	Aroclor 1221	ND	33.9	3.39	U
11141-16-5	Aroclor 1232	ND	33.9	7.18	U
53469-21-9	Aroclor 1242	ND	33.9	4.56	U
12672-29-6	Aroclor 1248	ND	33.9	5.08	U
11097-69-1	Aroclor 1254	ND	33.9	3.70	U
11096-82-5	Aroclor 1260	ND	33.9	6.26	U
37324-23-5	Aroclor 1262	ND	33.9	4.30	U
11100-14-4	Aroclor 1268	ND	33.9	3.51	U
1336-36-3	PCBs, Total	ND	33.9	3.01	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 23:16
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190708b-19	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 23:16
Sample Matrix	: WATER	Date Extracted	: 07/03/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190708b-19	Analyst	: KB
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01RE	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/09/19 12:28
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190709a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01RE	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/09/19 12:28
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190709a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST11
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-18	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.72	0.337	U
58-89-9	Lindane	ND	0.717	0.320	U
319-84-6	Alpha-BHC	ND	0.717	0.204	U
319-85-7	Beta-BHC	ND	1.72	0.652	U
76-44-8	Heptachlor	ND	0.860	0.386	U
309-00-2	Aldrin	ND	1.72	0.606	U
1024-57-3	Heptachlor epoxide	ND	3.22	0.967	U
72-20-8	Endrin	ND	0.717	0.294	U
7421-93-4	Endrin aldehyde	ND	2.15	0.752	U
53494-70-5	Endrin ketone	ND	1.72	0.443	U
60-57-1	Dieldrin	ND	1.07	0.537	U
72-55-9	4,4'-DDE	ND	1.72	0.398	U
72-54-8	4,4'-DDD	ND	1.72	0.613	U
50-29-3	4,4'-DDT	ND	3.22	1.38	U
959-98-8	Endosulfan I	ND	1.72	0.406	U
33213-65-9	Endosulfan II	ND	1.72	0.575	U
1031-07-8	Endosulfan sulfate	ND	0.717	0.341	U
72-43-5	Methoxychlor	ND	3.22	1.00	U
8001-35-2	Toxaphene	ND	32.2	9.03	U
5103-71-9	cis-Chlordane	ND	2.15	0.599	U
5103-74-2	trans-Chlordane	ND	2.15	0.568	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:10
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-18	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.0	5.70	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-19	Analyst	: KEG
Sample Amount	: 15.53 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.313	U
58-89-9	Lindane	ND	0.666	0.298	U
319-84-6	Alpha-BHC	ND	0.666	0.189	U
319-85-7	Beta-BHC	ND	1.60	0.606	U
76-44-8	Heptachlor	ND	0.799	0.358	U
309-00-2	Aldrin	ND	1.60	0.563	U
1024-57-3	Heptachlor epoxide	ND	3.00	0.899	U
72-20-8	Endrin	ND	0.666	0.273	U
7421-93-4	Endrin aldehyde	ND	2.00	0.699	U
53494-70-5	Endrin ketone	ND	1.60	0.412	U
60-57-1	Dieldrin	ND	0.999	0.499	U
72-55-9	4,4'-DDE	ND	1.60	0.370	U
72-54-8	4,4'-DDD	ND	1.60	0.570	U
50-29-3	4,4'-DDT	ND	3.00	1.28	U
959-98-8	Endosulfan I	ND	1.60	0.378	U
33213-65-9	Endosulfan II	ND	1.60	0.534	U
1031-07-8	Endosulfan sulfate	ND	0.666	0.317	U
72-43-5	Methoxychlor	ND	3.00	0.932	U
8001-35-2	Toxaphene	ND	30.0	8.39	U
5103-71-9	cis-Chlordane	ND	2.00	0.557	U
5103-74-2	trans-Chlordane	ND	2.00	0.527	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:23
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-19	Analyst	: KEG
Sample Amount	: 15.53 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.29	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-20	Analyst	: KEG
Sample Amount	: 15.78 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.64	0.320	U
58-89-9	Lindane	ND	0.681	0.304	U
319-84-6	Alpha-BHC	ND	0.681	0.194	U
319-85-7	Beta-BHC	ND	1.64	0.620	U
76-44-8	Heptachlor	ND	0.818	0.366	U
309-00-2	Aldrin	ND	1.64	0.576	U
1024-57-3	Heptachlor epoxide	ND	3.07	0.920	U
72-20-8	Endrin	ND	0.681	0.279	U
7421-93-4	Endrin aldehyde	ND	2.04	0.715	U
53494-70-5	Endrin ketone	ND	1.64	0.421	U
60-57-1	Dieldrin	ND	1.02	0.511	U
72-55-9	4,4'-DDE	ND	1.64	0.378	U
72-54-8	4,4'-DDD	ND	1.64	0.583	U
50-29-3	4,4'-DDT	ND	3.07	1.32	U
959-98-8	Endosulfan I	ND	1.64	0.386	U
33213-65-9	Endosulfan II	ND	1.64	0.546	U
1031-07-8	Endosulfan sulfate	ND	0.681	0.324	U
72-43-5	Methoxychlor	ND	3.07	0.954	U
8001-35-2	Toxaphene	ND	30.7	8.58	U
5103-71-9	cis-Chlordane	ND	2.04	0.570	U
5103-74-2	trans-Chlordane	ND	2.04	0.540	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:36
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-20	Analyst	: KEG
Sample Amount	: 15.78 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 93
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.3	5.42	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-21	Analyst	: KEG
Sample Amount	: 15.69 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.311	U
58-89-9	Lindane	ND	0.661	0.296	U
319-84-6	Alpha-BHC	ND	0.661	0.188	U
319-85-7	Beta-BHC	ND	1.59	0.602	U
76-44-8	Heptachlor	ND	0.793	0.356	U
309-00-2	Aldrin	ND	1.59	0.559	U
1024-57-3	Heptachlor epoxide	ND	2.98	0.892	U
72-20-8	Endrin	ND	0.661	0.271	U
7421-93-4	Endrin aldehyde	ND	1.98	0.694	U
53494-70-5	Endrin ketone	ND	1.59	0.408	U
60-57-1	Dieldrin	ND	0.992	0.496	U
72-55-9	4,4'-DDE	ND	1.59	0.367	U
72-54-8	4,4'-DDD	ND	1.59	0.566	U
50-29-3	4,4'-DDT	ND	2.98	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.375	U
33213-65-9	Endosulfan II	ND	1.59	0.530	U
1031-07-8	Endosulfan sulfate	ND	0.661	0.315	U
72-43-5	Methoxychlor	ND	2.98	0.926	U
8001-35-2	Toxaphene	ND	29.8	8.33	U
5103-71-9	cis-Chlordane	ND	1.98	0.553	U
5103-74-2	trans-Chlordane	ND	1.98	0.524	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 14:48
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-21	Analyst	: KEG
Sample Amount	: 15.69 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	12.9	5.26	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-22	Analyst	: KEG
Sample Amount	: 15.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.65	0.324	U
58-89-9	Lindane	ND	0.689	0.308	U
319-84-6	Alpha-BHC	ND	0.689	0.196	U
319-85-7	Beta-BHC	ND	1.65	0.627	U
76-44-8	Heptachlor	ND	0.826	0.370	U
309-00-2	Aldrin	ND	1.65	0.582	U
1024-57-3	Heptachlor epoxide	ND	3.10	0.930	U
72-20-8	Endrin	ND	0.689	0.282	U
7421-93-4	Endrin aldehyde	ND	2.07	0.723	U
53494-70-5	Endrin ketone	ND	1.65	0.426	U
60-57-1	Dieldrin	ND	1.03	0.516	U
72-55-9	4,4'-DDE	ND	1.65	0.382	U
72-54-8	4,4'-DDD	ND	1.65	0.590	U
50-29-3	4,4'-DDT	ND	3.10	1.33	U
959-98-8	Endosulfan I	ND	1.65	0.390	U
33213-65-9	Endosulfan II	ND	1.65	0.552	U
1031-07-8	Endosulfan sulfate	ND	0.689	0.328	U
72-43-5	Methoxychlor	ND	3.10	0.964	U
8001-35-2	Toxaphene	ND	31.0	8.68	U
5103-71-9	cis-Chlordane	ND	2.07	0.576	U
5103-74-2	trans-Chlordane	ND	2.07	0.545	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:01
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-22	Analyst	: KEG
Sample Amount	: 15.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.4	5.48	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-23	Analyst	: KEG
Sample Amount	: 15.66 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.60	0.314	U
58-89-9	Lindane	ND	0.669	0.299	U
319-84-6	Alpha-BHC	ND	0.669	0.190	U
319-85-7	Beta-BHC	ND	1.60	0.608	U
76-44-8	Heptachlor	ND	0.802	0.360	U
309-00-2	Aldrin	ND	1.60	0.565	U
1024-57-3	Heptachlor epoxide	ND	3.01	0.903	U
72-20-8	Endrin	ND	0.669	0.274	U
7421-93-4	Endrin aldehyde	ND	2.00	0.702	U
53494-70-5	Endrin ketone	ND	1.60	0.413	U
60-57-1	Dieldrin	ND	1.00	0.501	U
72-55-9	4,4'-DDE	ND	1.60	0.371	U
72-54-8	4,4'-DDD	ND	1.60	0.572	U
50-29-3	4,4'-DDT	ND	3.01	1.29	U
959-98-8	Endosulfan I	ND	1.60	0.379	U
33213-65-9	Endosulfan II	ND	1.60	0.536	U
1031-07-8	Endosulfan sulfate	ND	0.669	0.318	U
72-43-5	Methoxychlor	ND	3.01	0.936	U
8001-35-2	Toxaphene	ND	30.1	8.42	U
5103-71-9	cis-Chlordane	ND	2.00	0.559	U
5103-74-2	trans-Chlordane	ND	2.00	0.530	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 15:14
Sample Matrix	: SOIL	Date Extracted	: 07/04/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190708a-23	Analyst	: KEG
Sample Amount	: 15.66 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.32	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:19
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.269g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3460	8.58	2.32		
7440-36-0	Antimony, Total	ND	4.29	0.326	U	
7440-38-2	Arsenic, Total	0.275	0.858	0.178	J	
7440-39-3	Barium, Total	35.8	0.858	0.149		
7440-41-7	Beryllium, Total	ND	0.429	0.028	U	
7440-43-9	Cadmium, Total	0.094	0.858	0.084	J	
7440-70-2	Calcium, Total	36700	8.58	3.00		
7440-47-3	Chromium, Total	7.51	0.858	0.082		
7440-48-4	Cobalt, Total	5.48	1.72	0.142		
7440-50-8	Copper, Total	15.5	0.858	0.221		
7439-89-6	Iron, Total	8350	4.29	0.775		
7439-92-1	Lead, Total	2.40	4.29	0.230	J	
7439-95-4	Magnesium, Total	13400	8.58	1.32		
7439-96-5	Manganese, Total	168	0.858	0.136		
7440-02-0	Nickel, Total	9.37	2.15	0.208		
7440-09-7	Potassium, Total	1410	215	12.4		
7782-49-2	Selenium, Total	0.335	1.72	0.221	J	
7440-22-4	Silver, Total	ND	0.858	0.243	U	
7440-23-5	Sodium, Total	110	172	2.70	J	110U
7440-28-0	Thallium, Total	ND	1.72	0.270	U	
7440-62-2	Vanadium, Total	13.9	0.858	0.174		
7440-66-6	Zinc, Total	24.0	4.29	0.252		

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METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:42
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.27g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3560	8.14	2.20		
7440-36-0	Antimony, Total	ND	4.07	0.309	U	
7440-38-2	Arsenic, Total	ND	0.814	0.169	U	
7440-39-3	Barium, Total	43.0	0.814	0.142		
7440-41-7	Beryllium, Total	ND	0.407	0.027	U	
7440-43-9	Cadmium, Total	0.155	0.814	0.080	J	
7440-70-2	Calcium, Total	19200	8.14	2.85		
7440-47-3	Chromium, Total	10.8	0.814	0.078		
7440-48-4	Cobalt, Total	11.3	1.63	0.135		
7440-50-8	Copper, Total	28.4	0.814	0.210		
7439-89-6	Iron, Total	13700	4.07	0.735		
7439-92-1	Lead, Total	5.07	4.07	0.218		
7439-95-4	Magnesium, Total	9510	8.14	1.25		
7439-96-5	Manganese, Total	161	0.814	0.129		
7440-02-0	Nickel, Total	16.6	2.04	0.197		
7440-09-7	Potassium, Total	1690	204	11.7		
7782-49-2	Selenium, Total	0.244	1.63	0.210	J	
7440-22-4	Silver, Total	ND	0.814	0.230	U	
7440-23-5	Sodium, Total	67.7	163	2.56	J	163U
7440-28-0	Thallium, Total	ND	1.63	0.256	U	
7440-62-2	Vanadium, Total	20.6	0.814	0.165		
7440-66-6	Zinc, Total	39.7	4.07	0.238		

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:46
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.261g	%Solids	: 93
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	8820	8.53	2.30	
7440-36-0	Antimony, Total	ND	4.26	0.324	U
7440-38-2	Arsenic, Total	0.401	0.853	0.177	J
7440-39-3	Barium, Total	48.9	0.853	0.148	
7440-41-7	Beryllium, Total	ND	0.426	0.028	U
7440-43-9	Cadmium, Total	0.153	0.853	0.084	J
7440-70-2	Calcium, Total	1440	8.53	2.98	
7440-47-3	Chromium, Total	21.6	0.853	0.082	
7440-48-4	Cobalt, Total	8.28	1.70	0.142	
7440-50-8	Copper, Total	16.7	0.853	0.220	
7439-89-6	Iron, Total	15200	4.26	0.770	
7439-92-1	Lead, Total	3.91	4.26	0.228	J
7439-95-4	Magnesium, Total	4430	8.53	1.31	
7439-96-5	Manganese, Total	333	0.853	0.136	
7440-02-0	Nickel, Total	14.4	2.13	0.206	
7440-09-7	Potassium, Total	1690	213	12.3	
7782-49-2	Selenium, Total	ND	1.70	0.220	U
7440-22-4	Silver, Total	ND	0.853	0.241	U
7440-23-5	Sodium, Total	156	170	2.69	J 170U
7440-28-0	Thallium, Total	ND	1.70	0.269	U
7440-62-2	Vanadium, Total	30.4	0.853	0.173	
7440-66-6	Zinc, Total	34.2	4.26	0.250	

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 18:51
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.298g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4070	7.99	2.16	
7440-36-0	Antimony, Total	ND	4.00	0.304	U
7440-38-2	Arsenic, Total	ND	0.799	0.166	U
7440-39-3	Barium, Total	50.6	0.799	0.139	
7440-41-7	Beryllium, Total	ND	0.400	0.026	U
7440-43-9	Cadmium, Total	0.104	0.799	0.078	J
7440-70-2	Calcium, Total	24700	7.99	2.80	
7440-47-3	Chromium, Total	9.34	0.799	0.077	
7440-48-4	Cobalt, Total	7.46	1.60	0.133	
7440-50-8	Copper, Total	19.3	0.799	0.206	
7439-89-6	Iron, Total	10200	4.00	0.722	
7439-92-1	Lead, Total	2.56	4.00	0.214	J
7439-95-4	Magnesium, Total	10800	7.99	1.23	
7439-96-5	Manganese, Total	166	0.799	0.127	
7440-02-0	Nickel, Total	11.0	2.00	0.193	
7440-09-7	Potassium, Total	1840	200	11.5	
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.799	0.226	U
7440-23-5	Sodium, Total	75.8	160	2.52	J 160U
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	15.5	0.799	0.162	
7440-66-6	Zinc, Total	28.4	4.00	0.234	

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 19:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.334g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6670	7.90	2.13		
7440-36-0	Antimony, Total	ND	3.95	0.300	U	
7440-38-2	Arsenic, Total	0.276	0.790	0.164	J	
7440-39-3	Barium, Total	60.0	0.790	0.137		
7440-41-7	Beryllium, Total	ND	0.395	0.026	U	
7440-43-9	Cadmium, Total	0.166	0.790	0.077	J	
7440-70-2	Calcium, Total	3480	7.90	2.76		
7440-47-3	Chromium, Total	50.7	0.790	0.076		
7440-48-4	Cobalt, Total	11.3	1.58	0.131		
7440-50-8	Copper, Total	17.9	0.790	0.204		
7439-89-6	Iron, Total	16700	3.95	0.713		
7439-92-1	Lead, Total	3.32	3.95	0.212	J	
7439-95-4	Magnesium, Total	5250	7.90	1.22		
7439-96-5	Manganese, Total	220	0.790	0.126		
7440-02-0	Nickel, Total	27.3	1.97	0.191		
7440-09-7	Potassium, Total	2810	197	11.4		
7782-49-2	Selenium, Total	ND	1.58	0.204	U	
7440-22-4	Silver, Total	ND	0.790	0.224	U	
7440-23-5	Sodium, Total	62.7	158	2.49	J	158U
7440-28-0	Thallium, Total	ND	1.58	0.249	U	
7440-62-2	Vanadium, Total	29.6	0.790	0.160		
7440-66-6	Zinc, Total	35.9	3.95	0.231		

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 19:14
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256939.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.254g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/03/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5770	8.35	2.25		
7440-36-0	Antimony, Total	ND	4.18	0.317	U	
7440-38-2	Arsenic, Total	ND	0.835	0.174	U	
7440-39-3	Barium, Total	82.3	0.835	0.145		
7440-41-7	Beryllium, Total	ND	0.418	0.028	U	
7440-43-9	Cadmium, Total	0.150	0.835	0.082	J	
7440-70-2	Calcium, Total	10400	8.35	2.92		
7440-47-3	Chromium, Total	16.5	0.835	0.080		
7440-48-4	Cobalt, Total	10.4	1.67	0.139		
7440-50-8	Copper, Total	25.0	0.835	0.215		
7439-89-6	Iron, Total	15100	4.18	0.754		
7439-92-1	Lead, Total	3.85	4.18	0.224	J	
7439-95-4	Magnesium, Total	7360	8.35	1.28		
7439-96-5	Manganese, Total	154	0.835	0.133		
7440-02-0	Nickel, Total	16.3	2.09	0.202		
7440-09-7	Potassium, Total	4030	209	12.0		
7782-49-2	Selenium, Total	ND	1.67	0.215	U	
7440-22-4	Silver, Total	ND	0.835	0.236	U	
7440-23-5	Sodium, Total	86.9	167	2.63	J	167U
7440-28-0	Thallium, Total	ND	1.67	0.263	U	
7440-62-2	Vanadium, Total	27.6	0.835	0.170		
7440-66-6	Zinc, Total	40.8	4.18	0.245		

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 11:43
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1256925.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00050	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00076	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.0512	0.100	0.0394	J
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00218	0.00100	0.00038	
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.229	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00911	0.01000	0.00341	J

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/03/19 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1256257.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

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Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 92
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.068	0.045	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.042	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 93
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.067	0.044	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.042	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.397g	%Solids	: 95
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/08/19 13:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: WG1257018	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/04/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/01/19 15:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-1-2019_02-46-13PM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/30/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0636g	%Solids	: 92
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0575g	%Solids	: 97
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0732g	%Solids	: 93
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.21	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0814g	%Solids	: 96
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.96	0.20	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0743g	%Solids	: 95
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 15:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_6-28-2019_02-51-33PM.c	Instrument ID	: LACHAT
Sample Amount	: 1.0186g	%Solids	: 96
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-01	Date Collected	: 06/27/19 07:00
Client ID	: FIELD BLANK-EQ-5	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 06:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1254264.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/28/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4586g	%Solids	: 92
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.871	0.174	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4953g	%Solids	: 97
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.827	0.165	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5177g	%Solids	: 93
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.860	0.172	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.830	0.166	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5239g	%Solids	: 95
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.843	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4614g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.838	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1254984-1	Date Collected	: NA
Client ID	: WG1254984-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: AJ
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5004g	%Solids	: NA
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.800	0.160	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1254984-6	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)DUP	Date Received	: 06/27/19
Sample Location	:	Date Analyzed	: 07/02/19 00:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: aj
Lab File ID	: WG1254984.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4604g	%Solids	: 96
Digestion Method	: EPA 3060A	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.838	0.168	U

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-02	Date Collected	: 06/27/19 07:15
Client ID	: SB-13 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	91.8	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-03	Date Collected	: 06/27/19 07:30
Client ID	: SB-13 (9.5-10)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.7	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-04	Date Collected	: 06/27/19 08:00
Client ID	: SB-13 (14-14.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	88.0	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-05	Date Collected	: 06/27/19 08:20
Client ID	: SB-13 (25-25.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	81.2	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-06	Date Collected	: 06/27/19 09:30
Client ID	: SB-14 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 93
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	93.0	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-07	Date Collected	: 06/27/19 09:45
Client ID	: SB-14 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.4	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-08	Date Collected	: 06/27/19 10:15
Client ID	: SB-14 (23.5-24)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	79.8	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-09	Date Collected	: 06/27/19 11:00
Client ID	: SB-15 (0-2)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	94.9	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-10	Date Collected	: 06/27/19 11:20
Client ID	: SB-15 (9-9.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	95.5	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-11	Date Collected	: 06/27/19 11:40
Client ID	: SB-15 (15-15.5)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	81.3	0.100	NA	

DLM 8/16/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928386
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928386-12	Date Collected	: 06/27/19 12:30
Client ID	: SB-15 (27.5-28)	Date Received	: 06/27/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 06/28/19 09:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1254346.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 82
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	82.2	0.100	NA	

DLM 8/16/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Revision

July 30, 2019: Tentatively Identified Compounds have been added to the Volatile Organics and Semivolatile Organics analyses.

Report Submission

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

Volatile Organics

L1928386-03 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Pesticides

L1928386-01: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (29%) and decachlorobiphenyl (29%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Metals

L1928386-01: The Field Blank has results for barium, copper and sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1928386-02, 03, -06, -07, -09, and -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1256422-3 MS recoveries for aluminum (339%), iron (679%), magnesium (155%) and manganese (48%), performed on L1928386-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

Case Narrative (continued)

Cyanide, Total

The WG1254382-2/-3 LCS/LCSD recoveries (76%/68%), associated with L1928386-02, -03, -06, -07, -09, and -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 07/30/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

NEW JERSEY 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 3 of

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1978380

Client Information
Client: Impact
Address: 170 Keyland Ct.
Bohemia
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Jose De la Fuente
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + TICs	TCL SVOCs + TICs	TCL Pesticides + PCB	TAL metals	Cyanide + Hex Chromium	1,4 - Dioxane			Sample Specific Comments	Total Bottle
28386 -01	Field Blank - EQ-5	6/27	700	L	LR	X	X	X	X	X	X				
-02	SB-13 (0-2)	6/27	715	S	LR	X	X	X	X	X	X				
-03	SB-13 (9.5-10)	6/27	730	S	LR	X	X	X	X	X	X				
-04	SB-13 (14-14.5)	6/27	800	S	LR	X									
-05	SB-13 (25-25.5)	6/27	820	S	LR	X									
-06	SB-14 (0-2)	6/27	930	S	LR	X	X	X	X	X	X				
-07	SB-14 (9-9.5)	6/27	945	S	LR	X	X	X	X	X	X				
-08	SB-14 (23.5-24)	6/27	1015	S	LR	X									
-09	SB-15 (0-2)	6/27	1100	S	LR	X	X	X	X	X	X				
-10	SB-15 (9-9.5)	6/27	1120	S	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/27/19 1720		6/27/19 1720
	6/27 2100		6/27 2134
	6/28 0230		6/28/19 0130

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: 01-14 HC (rev. 30-Sept-2013)

NEW JERSEY 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 3 of 2

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1928386

Client Information

Client: Impact
Address: 170 Keyland Ct
Bohemia
Phone: 631-269-8800
Fax:
Email: robertson@impactenv.

Project Information

Project Name: 11-35 31st Drive
Project Location: 1135 31st Drive Astoria
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

Turn-Around Time

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

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's+TICs	TCL SVOC's+TICs	TCL Pesticides+PCB	TAL metals	Cyanide, Hexavalent Cr	1,4 - Dioxane			Sample Specific Comments	Total Bottle
28386 - 11	SB-15 (15-15.5)	6/27	1140	S	LR	X									
-12	SB-15 (27.5-28)	6/27	1230	S	LR	X									
-13	Trip Blank	6/27	—	L	LR	X	X	X	X	X	X				

Container Type
Preservative

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
	6/27/19 1700		6/27/19 1700
	6/27 2100		6/27 2134
	6/28 0230		6/28/19 01:30

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL AND GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1927290

Sampling Date: June 21, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental hŏŏdzLJl·ůĺ2yl·l & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive

SDG #: L1927290

Client: Impact Environmental

Date: August 23, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide /PCB	TAL Metals	Hex Cr CN
FIELD BLANK	L1927290-01	Aqueous	X	X	X	X	X	X
SB-9 (0-2)	L1927290-02	Soil	X	X	X	X	X	X
SB-9 (9-9.5)	L1927290-03	Soil	X	X	X	X	X	X
SB-9 (25-25.5)	L1927290-04	Soil	X					
SB-10 (0-2)	L1927290-04	Soil	X	X	X	X	X	X
SB-10 (8.5-9)	L1927290-05	Soil	X	X	X	X	X	X
TRIP BLANK	L1927290-07	Aqueous	X					

The data packages contained eleven (11) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7040A, 7041B, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present. The Trip blank sample was listed on the COC for all analyses; however, sample containers were not submitted for all analyses nor are all analyses to be conducted for a trip blank. VOC analysis was performed on the trip blank. Tentatively identified compounds (TICs) were not reported for VOCs or SVOCs as requested on the COC.

Holding Time: Holding times were within acceptable criterion for all samples.

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Qualifier
L1927290-02, L1927290-04, L1927290-05	Acetone	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1927290-02, L1927290-03, L1927290-04, L1927290-05, L1927290-06	Chloroform, Carbon tetrachloride, Chloroethane, Trichlorofluoromethane, 1,1,1-Trichloroethane, Bromodichloromethane, 1,1-Dichloropropene, Trichloroethene, 2,2 Dichloropropane, Dichlorodifluoromethane, Bromochloromethane, Hexachlorobutadiene	UJ, J
L1927290-02, L1927290-03, L1927290-04, L1927290-05, L1927290-06	1,4-Dioxane	R
L1927290-02, L1927290-03, L1927290-05, L1927290-06	2,4-Dinitrophenol,	UJ
L1927290-02, L1927290-03, L1927290-05, L1927290-06	Endrin Aldehyde	UJ

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate: The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1927290-02, L1927290-03, L1927290-05, L1927290-06	4-Chloroaniline	UJ, J
L1927290-02, L1927290-03, L1927290-05, L1927290-06	Cyanide	UJ

Surrogates: The following samples were qualified due to poor recoveries.

Sample Identification	Compound	Qualifier
L1927290-03	SVOC results	UJ, J

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. Inorganic data were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene result for L1927290-6 should be considered estimated (J) due to exceeding the calibration range. Sample L1927290-3 was (reanalyzed) due to low surrogate recoveries in the original sample. The reanalysis also had low surrogate recoveries; the original sample results shall be used and the reanalysis sample results should not be used and are rejected (R).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.98	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U	
124-48-1	Dibromochloromethane	ND	0.98	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U	
127-18-4	Tetrachloroethene	15	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U	
75-25-2	Bromoform	ND	3.9	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.98	0.53	U	
100-41-4	Ethylbenzene	ND	0.98	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.91	U	UJ
74-83-9	Bromomethane	1.1	2.0	0.57	J	J
75-01-4	Vinyl chloride	ND	0.98	0.33	U	UJ

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.44	U	
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U	
79-01-6	Trichloroethene	ND	0.49	0.13	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.55	U	
95-47-6	o-Xylene	ND	0.98	0.28	U	
1330-20-7	Xylenes, Total	ND	0.98	0.28	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U	
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U	
74-95-3	Dibromomethane	ND	2.0	0.23	U	
100-42-5	Styrene	ND	0.98	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.8	0.89	U	
67-64-1	Acetone	7.5	9.8	4.7	J	9.8U
75-15-0	Carbon disulfide	ND	9.8	4.4	U	
78-93-3	2-Butanone	ND	9.8	2.2	U	
108-05-4	Vinyl acetate	ND	9.8	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.2	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U	
591-78-6	2-Hexanone	ND	9.8	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.98	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.98	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U	
98-82-8	Isopropylbenzene	ND	0.98	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.64	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.98	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	78	34.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.17	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.33	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 91
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000141-78-6	Ethyl Acetate	5.05	19.4	NJ
	Total TIC Compounds		19.4J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.3	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.86	0.12	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.86	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.86	0.11	U
124-48-1	Dibromochloromethane	ND	0.86	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.86	0.23	U
127-18-4	Tetrachloroethene	34	0.43	0.17	
108-90-7	Chlorobenzene	ND	0.43	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.5	0.60	U
107-06-2	1,2-Dichloroethane	ND	0.86	0.22	U
71-55-6	1,1,1-Trichloroethane	ND	0.43	0.14	U
75-27-4	Bromodichloromethane	ND	0.43	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.86	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.43	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.43	0.14	U
563-58-6	1,1-Dichloropropene	ND	0.43	0.14	U
75-25-2	Bromoform	ND	3.5	0.21	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.43	0.14	U
71-43-2	Benzene	ND	0.43	0.14	U
108-88-3	Toluene	ND	0.86	0.47	U
100-41-4	Ethylbenzene	ND	0.86	0.12	U
74-87-3	Chloromethane	ND	3.5	0.81	U UJ
74-83-9	Bromomethane	ND	1.7	0.50	U UJ
75-01-4	Vinyl chloride	ND	0.86	0.29	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.7	0.39	U
75-35-4	1,1-Dichloroethene	ND	0.86	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	ND	0.43	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.48	U
95-47-6	o-Xylene	ND	0.86	0.25	U
1330-20-7	Xylenes, Total	ND	0.86	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.15	U
540-59-0	1,2-Dichloroethene, Total	ND	0.86	0.12	U
74-95-3	Dibromomethane	ND	1.7	0.21	U
100-42-5	Styrene	ND	0.86	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.6	0.79	U
67-64-1	Acetone	36	8.6	4.2	J
75-15-0	Carbon disulfide	ND	8.6	3.9	U
78-93-3	2-Butanone	ND	8.6	1.9	U
108-05-4	Vinyl acetate	ND	8.6	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.6	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.7	0.11	U
591-78-6	2-Hexanone	ND	8.6	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.18	U
594-20-7	2,2-Dichloropropane	ND	1.7	0.17	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.86	0.24	U	
142-28-9	1,3-Dichloropropane	ND	1.7	0.14	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.43	0.11	U	
108-86-1	Bromobenzene	ND	1.7	0.12	U	
104-51-8	n-Butylbenzene	ND	0.86	0.14	U	
135-98-8	sec-Butylbenzene	ND	0.86	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.7	0.16	U	
106-43-4	p-Chlorotoluene	ND	1.7	0.09	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.86	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U	
98-82-8	Isopropylbenzene	ND	0.86	0.09	U	
99-87-6	p-Isopropyltoluene	ND	0.86	0.09	U	
91-20-3	Naphthalene	ND	3.5	0.56	U	
107-13-1	Acrylonitrile	ND	3.5	1.0	U	
103-65-1	n-Propylbenzene	ND	0.86	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.28	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.29	U	
123-91-1	1,4-Dioxane	ND	69	30.	U	R
105-05-5	p-Diethylbenzene	ND	1.7	0.15	U	
622-96-8	p-Ethyltoluene	ND	1.7	0.33	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.7	0.16	U	
60-29-7	Ethyl ether	ND	1.7	0.30	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.3	1.2	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.62	7.24	J
	Unknown	4.87	1.88	J
000141-78-6	Ethyl Acetate	5.06	11.9	NJ
	Total TIC Compounds		21.0J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	93	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.70	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	UJ
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	1.2	0.51	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	3.9	1.0	0.18	
540-59-0	1,2-Dichloroethene, Total	3.9	1.0	0.14	
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U
67-64-1	Acetone	24	10	4.9	24U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-03	**Date Collected**	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V10190715N08	**Instrument ID**	: VOA110
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 84
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.61	8.63	J
000141-78-6	Ethyl Acetate	5.06	9.05	NJ
	Total TIC Compounds		17.7J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	290	130	U	
75-34-3	1,1-Dichloroethane	ND	57	8.3	U	
67-66-3	Chloroform	ND	86	8.0	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.2	U	
124-48-1	Dibromochloromethane	ND	57	8.0	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	1400	29	11.		
108-90-7	Chlorobenzene	ND	29	7.3	U	
75-69-4	Trichlorofluoromethane	ND	230	40.	U	UJ
107-06-2	1,2-Dichloroethane	ND	57	15.	U	
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U	
75-27-4	Bromodichloromethane	ND	29	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	29	9.0	U	
563-58-6	1,1-Dichloropropene	ND	29	9.1	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U	
71-43-2	Benzene	ND	29	9.5	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.1	U	
74-87-3	Chloromethane	ND	230	53.	U	UJ
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	UJ
75-35-4	1,1-Dichloroethene	ND	57	14.	U	
156-60-5	trans-1,2-Dichloroethene	ND	86	7.8	U	
79-01-6	Trichloroethene	ND	29	7.8	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U	
1634-04-4	Methyl tert butyl ether	ND	110	12.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	17.	U	
1330-20-7	Xylenes, Total	ND	57	17.	U	
156-59-2	cis-1,2-Dichloroethene	ND	57	10.	U	
540-59-0	1,2-Dichloroethene, Total	ND	57	7.8	U	
74-95-3	Dibromomethane	ND	110	14.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	280	U	UJ
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	130	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	110	7.3	U	
591-78-6	2-Hexanone	ND	570	68.	U	UJ
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	57	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.6	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U	
108-86-1	Bromobenzene	ND	110	8.3	U	
104-51-8	n-Butylbenzene	ND	57	9.6	U	
135-98-8	sec-Butylbenzene	ND	57	8.4	U	
98-06-6	tert-Butylbenzene	ND	110	6.8	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.2	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.7	U	
98-82-8	Isopropylbenzene	ND	57	6.2	U	
99-87-6	p-Isopropyltoluene	ND	57	6.2	U	
91-20-3	Naphthalene	41	230	37.	J	
107-13-1	Acrylonitrile	ND	230	66.	U	
103-65-1	n-Propylbenzene	ND	57	9.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4600	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	20.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	81.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-04	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N10	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	360	160	U	
75-34-3	1,1-Dichloroethane	ND	71	10.	U	
67-66-3	Chloroform	ND	110	10.	U	
56-23-5	Carbon tetrachloride	ND	71	16.	U	
78-87-5	1,2-Dichloropropane	ND	71	8.9	U	
124-48-1	Dibromochloromethane	ND	71	10.	U	
79-00-5	1,1,2-Trichloroethane	ND	71	19.	U	
127-18-4	Tetrachloroethene	4100	36	14.		
108-90-7	Chlorobenzene	ND	36	9.1	U	
75-69-4	Trichlorofluoromethane	ND	280	50.	U	UJ
107-06-2	1,2-Dichloroethane	ND	71	18.	U	
71-55-6	1,1,1-Trichloroethane	ND	36	12.	U	
75-27-4	Bromodichloromethane	ND	36	7.8	U	
10061-02-6	trans-1,3-Dichloropropene	ND	71	20.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	36	11.	U	
542-75-6	1,3-Dichloropropene, Total	ND	36	11.	U	
563-58-6	1,1-Dichloropropene	ND	36	11.	U	
75-25-2	Bromoform	ND	280	18.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	36	12.	U	
71-43-2	Benzene	ND	36	12.	U	
108-88-3	Toluene	ND	71	39.	U	
100-41-4	Ethylbenzene	ND	71	10.	U	
74-87-3	Chloromethane	ND	280	67.	U	UJ
74-83-9	Bromomethane	ND	140	42.	U	UJ
75-01-4	Vinyl chloride	ND	71	24.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	140	32.	U	UJ
75-35-4	1,1-Dichloroethene	ND	71	17.	U	
156-60-5	trans-1,2-Dichloroethene	ND	110	9.8	U	
79-01-6	Trichloroethene	ND	36	9.8	U	
95-50-1	1,2-Dichlorobenzene	ND	140	10.	U	
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U	
106-46-7	1,4-Dichlorobenzene	ND	140	12.	U	
1634-04-4	Methyl tert butyl ether	ND	140	14.	U	
179601-23-1	p/m-Xylene	ND	140	40.	U	
95-47-6	o-Xylene	ND	71	21.	U	
1330-20-7	Xylenes, Total	ND	71	21.	U	
156-59-2	cis-1,2-Dichloroethene	ND	71	12.	U	
540-59-0	1,2-Dichloroethene, Total	ND	71	9.8	U	
74-95-3	Dibromomethane	ND	140	17.	U	
100-42-5	Styrene	ND	71	14.	U	
75-71-8	Dichlorodifluoromethane	ND	710	65.	U	
67-64-1	Acetone	ND	710	340	U	UJ
75-15-0	Carbon disulfide	ND	710	320	U	
78-93-3	2-Butanone	ND	710	160	U	
108-05-4	Vinyl acetate	ND	710	150	U	
108-10-1	4-Methyl-2-pentanone	ND	710	92.	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	140	9.1	U	
591-78-6	2-Hexanone	ND	710	84.	U	UJ
74-97-5	Bromochloromethane	ND	140	15.	U	
594-20-7	2,2-Dichloropropane	ND	140	14.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	71	20.	U	
142-28-9	1,3-Dichloropropane	ND	140	12.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	36	9.4	U	
108-86-1	Bromobenzene	ND	140	10.	U	
104-51-8	n-Butylbenzene	ND	71	12.	U	
135-98-8	sec-Butylbenzene	ND	71	10.	U	
98-06-6	tert-Butylbenzene	ND	140	8.4	U	
95-49-8	o-Chlorotoluene	ND	140	14.	U	
106-43-4	p-Chlorotoluene	ND	140	7.7	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	71.	U	
87-68-3	Hexachlorobutadiene	ND	280	12.	U	
98-82-8	Isopropylbenzene	ND	71	7.8	U	
99-87-6	p-Isopropyltoluene	ND	71	7.8	U	
91-20-3	Naphthalene	ND	280	46.	U	
107-13-1	Acrylonitrile	ND	280	82.	U	
103-65-1	n-Propylbenzene	ND	71	12.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	140	23.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	140	14.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	140	24.	U	
123-91-1	1,4-Dioxane	ND	5700	2500	U	R
105-05-5	p-Diethylbenzene	ND	140	13.	U	
622-96-8	p-Ethyltoluene	ND	140	27.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	140	14.	U	
60-29-7	Ethyl ether	ND	140	24.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	360	100	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-05	**Date Collected**	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N11	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 86
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	320	150	U	
75-34-3	1,1-Dichloroethane	ND	65	9.4	U	
67-66-3	Chloroform	ND	97	9.1	U	
56-23-5	Carbon tetrachloride	ND	65	15.	U	UJ
78-87-5	1,2-Dichloropropane	ND	65	8.1	U	
124-48-1	Dibromochloromethane	ND	65	9.1	U	
79-00-5	1,1,2-Trichloroethane	ND	65	17.	U	
127-18-4	Tetrachloroethene	7700	32	13.		
108-90-7	Chlorobenzene	ND	32	8.2	U	
75-69-4	Trichlorofluoromethane	ND	260	45.	U	UJ
107-06-2	1,2-Dichloroethane	ND	65	17.	U	
71-55-6	1,1,1-Trichloroethane	ND	32	11.	U	
75-27-4	Bromodichloromethane	ND	32	7.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	65	18.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	32	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	32	10.	U	
563-58-6	1,1-Dichloropropene	ND	32	10.	U	
75-25-2	Bromoform	ND	260	16.	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	32	11.	U	
71-43-2	Benzene	ND	32	11.	U	
108-88-3	Toluene	ND	65	35.	U	
100-41-4	Ethylbenzene	ND	65	9.1	U	
74-87-3	Chloromethane	ND	260	60.	U	
74-83-9	Bromomethane	ND	130	38.	U	UJ
75-01-4	Vinyl chloride	ND	65	22.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	29.	U	UJ
75-35-4	1,1-Dichloroethene	ND	65	15.	U	
156-60-5	trans-1,2-Dichloroethene	ND	97	8.9	U	
79-01-6	Trichloroethene	22	32	8.9	J	
95-50-1	1,2-Dichlorobenzene	ND	130	9.3	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.6	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	36.	U	
95-47-6	o-Xylene	ND	65	19.	U	
1330-20-7	Xylenes, Total	ND	65	19.	U	
156-59-2	cis-1,2-Dichloroethene	ND	65	11.	U	
540-59-0	1,2-Dichloroethene, Total	ND	65	8.9	U	
74-95-3	Dibromomethane	ND	130	15.	U	UJ
100-42-5	Styrene	ND	65	13.	U	
75-71-8	Dichlorodifluoromethane	ND	650	59.	U	UJ
67-64-1	Acetone	ND	650	310	U	
75-15-0	Carbon disulfide	ND	650	300	U	
78-93-3	2-Butanone	ND	650	140	U	
108-05-4	Vinyl acetate	ND	650	140	U	
108-10-1	4-Methyl-2-pentanone	ND	650	83.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.2	U	
591-78-6	2-Hexanone	ND	650	76.	U	
74-97-5	Bromochloromethane	ND	130	13.	U	UJ
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	65	18.	U
142-28-9	1,3-Dichloropropane	ND	130	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	32	8.6	U
108-86-1	Bromobenzene	ND	130	9.4	U
104-51-8	n-Butylbenzene	ND	65	11.	U
135-98-8	sec-Butylbenzene	ND	65	9.5	U
98-06-6	tert-Butylbenzene	ND	130	7.6	U
95-49-8	o-Chlorotoluene	ND	130	12.	U
106-43-4	p-Chlorotoluene	ND	130	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	65.	U UJ
87-68-3	Hexachlorobutadiene	ND	260	11.	U UJ
98-82-8	Isopropylbenzene	ND	65	7.1	U
99-87-6	p-Isopropyltoluene	ND	65	7.1	U
91-20-3	Naphthalene	ND	260	42.	U UJ
107-13-1	Acrylonitrile	ND	260	75.	U
103-65-1	n-Propylbenzene	ND	65	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U UJ
108-67-8	1,3,5-Trimethylbenzene	ND	130	12.	U
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U
123-91-1	1,4-Dioxane	ND	5200	2300	U R
105-05-5	p-Diethylbenzene	ND	130	11.	U
622-96-8	p-Ethyltoluene	ND	130	25.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	12.	U
60-29-7	Ethyl ether	ND	130	22.	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	320	92.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 80
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	36	0.51	0.20	
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.72	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.56	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.1	0.96	U UJ
74-83-9	Bromomethane	ND	2.0	0.60	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.18	U
1634-04-4	Methyl tert butyl ether	0.42	2.0	0.21	J
179601-23-1	p/m-Xylene	ND	2.0	0.58	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	10	10	5.0	10U
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.21	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.14	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.67	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	82	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.20	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 99
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.98	0.23	U	
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U	
124-48-1	Dibromochloromethane	ND	0.98	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U	
127-18-4	Tetrachloroethene	90	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U	
75-25-2	Bromoform	ND	3.9	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.98	0.53	U	
100-41-4	Ethylbenzene	ND	0.98	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.92	U	UJ
74-83-9	Bromomethane	ND	2.0	0.57	U	UJ
75-01-4	Vinyl chloride	ND	0.98	0.33	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U
79-01-6	Trichloroethene	0.17	0.49	0.13	J
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.55	U
95-47-6	o-Xylene	ND	0.98	0.29	U
1330-20-7	Xylenes, Total	ND	0.98	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U
74-95-3	Dibromomethane	ND	2.0	0.23	U
100-42-5	Styrene	ND	0.98	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.8	0.90	U
67-64-1	Acetone	21	9.8	4.7	J
75-15-0	Carbon disulfide	ND	9.8	4.5	U
78-93-3	2-Butanone	ND	9.8	2.2	U
108-05-4	Vinyl acetate	ND	9.8	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U
591-78-6	2-Hexanone	ND	9.8	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.98	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.98	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.9	0.17	U	
98-82-8	Isopropylbenzene	ND	0.98	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.64	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.98	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	79	34.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.17	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 94
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 5

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.61	10.4	J
	Unknown	4.45	5.47	J
000141-78-6	Ethyl Acetate	5.06	4.74	NJ
	Unknown	6.45	7.92	J
	Total TIC Compounds		28.5J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	160	71.	U	
75-34-3	1,1-Dichloroethane	ND	31	4.5	U	
67-66-3	Chloroform	ND	47	4.4	U	
56-23-5	Carbon tetrachloride	ND	31	7.2	U	
78-87-5	1,2-Dichloropropane	ND	31	3.9	U	
124-48-1	Dibromochloromethane	ND	31	4.4	U	
79-00-5	1,1,2-Trichloroethane	ND	31	8.3	U	
127-18-4	Tetrachloroethene	1900	16	6.1		
108-90-7	Chlorobenzene	ND	16	3.9	U	
75-69-4	Trichlorofluoromethane	ND	120	22.	U	UJ
107-06-2	1,2-Dichloroethane	ND	31	8.0	U	
71-55-6	1,1,1-Trichloroethane	ND	16	5.2	U	
75-27-4	Bromodichloromethane	ND	16	3.4	U	
10061-02-6	trans-1,3-Dichloropropene	ND	31	8.5	U	
10061-01-5	cis-1,3-Dichloropropene	ND	16	4.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	16	4.9	U	
563-58-6	1,1-Dichloropropene	ND	16	4.9	U	
75-25-2	Bromoform	ND	120	7.6	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	16	5.2	U	
71-43-2	Benzene	ND	16	5.2	U	
108-88-3	Toluene	ND	31	17.	U	
100-41-4	Ethylbenzene	ND	31	4.4	U	
74-87-3	Chloromethane	ND	120	29.	U	UJ
74-83-9	Bromomethane	ND	62	18.	U	UJ
75-01-4	Vinyl chloride	ND	31	10.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	62	14.	U	UJ
75-35-4	1,1-Dichloroethene	ND	31	7.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	47	4.2	U	
79-01-6	Trichloroethene	50	16	4.2		
95-50-1	1,2-Dichlorobenzene	ND	62	4.5	U	
541-73-1	1,3-Dichlorobenzene	ND	62	4.6	U	
106-46-7	1,4-Dichlorobenzene	ND	62	5.3	U	
1634-04-4	Methyl tert butyl ether	ND	62	6.2	U	
179601-23-1	p/m-Xylene	ND	62	17.	U	
95-47-6	o-Xylene	ND	31	9.0	U	
1330-20-7	Xylenes, Total	ND	31	9.0	U	
156-59-2	cis-1,2-Dichloroethene	12	31	5.4	J	
540-59-0	1,2-Dichloroethene, Total	12	31	4.2	J	
74-95-3	Dibromomethane	ND	62	7.4	U	
100-42-5	Styrene	ND	31	6.1	U	
75-71-8	Dichlorodifluoromethane	ND	310	28.	U	
67-64-1	Acetone	ND	310	150	U	UJ
75-15-0	Carbon disulfide	ND	310	140	U	
78-93-3	2-Butanone	ND	310	69.	U	
108-05-4	Vinyl acetate	ND	310	67.	U	
108-10-1	4-Methyl-2-pentanone	ND	310	40.	U	
96-18-4	1,2,3-Trichloropropane	29	62	3.9	J	
591-78-6	2-Hexanone	ND	310	37.	U	UJ
74-97-5	Bromochloromethane	ND	62	6.4	U	
594-20-7	2,2-Dichloropropane	ND	62	6.3	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	31	8.7	U	
142-28-9	1,3-Dichloropropane	ND	62	5.2	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	16	4.1	U	
108-86-1	Bromobenzene	ND	62	4.5	U	
104-51-8	n-Butylbenzene	430	31	5.2		
135-98-8	sec-Butylbenzene	320	31	4.5		
98-06-6	tert-Butylbenzene	3.7	62	3.7	J	
95-49-8	o-Chlorotoluene	ND	62	5.9	U	
106-43-4	p-Chlorotoluene	ND	62	3.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	93	31.	U	
87-68-3	Hexachlorobutadiene	ND	120	5.2	U	
98-82-8	Isopropylbenzene	8.3	31	3.4	J	
99-87-6	p-Isopropyltoluene	200	31	3.4		
91-20-3	Naphthalene	ND	120	20.	U	
107-13-1	Acrylonitrile	ND	120	36.	U	
103-65-1	n-Propylbenzene	55	31	5.3		
87-61-6	1,2,3-Trichlorobenzene	ND	62	10.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	62	8.4	U	
108-67-8	1,3,5-Trimethylbenzene	460	62	6.0		
95-63-6	1,2,4-Trimethylbenzene	260	62	10.		
123-91-1	1,4-Dioxane	ND	2500	1100	U	R
105-05-5	p-Diethylbenzene	3900	62	5.5		
622-96-8	p-Ethyltoluene	450	62	12.		
95-93-2	1,2,4,5-Tetramethylbenzene	240	62	5.9		
60-29-7	Ethyl ether	ND	62	11.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	160	44.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 88
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 16

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	9.01	383	J
	Unknown Alkane	10.35	361	J
	Unknown Alkane	10.74	476	J
017301-94-9	Nonane, 4-methyl-	10.78	414	NJ
	Unknown Alkane	10.94	432	J
	Unknown Alkane	11.65	311	J
002847-72-5	Decane, 4-methyl-	11.69	581	NJ
	Unknown	11.77	710	J
013151-34-3	Decane, 3-methyl-	12.28	446	NJ
	Unknown Benzene	12.53	858	J
	Unknown Benzene	12.57	4060	J
	Unknown Aromatic	12.83	924	J
	Unknown Benzene	12.91	1460	J
	Unknown Benzene	12.99	1610	J
	Unknown	13.10	523	J
	Total TIC Compounds		13500J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	2.2	1.0	0.15		
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	120	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	UJ
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	22	1.0	0.34		UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.46	U	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.24		
156-60-5	trans-1,2-Dichloroethene	5.1	1.5	0.14		
79-01-6	Trichloroethene	36	0.51	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.57	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	860	1.0	0.18	E	R
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U	
67-64-1	Acetone	31	10	4.9		J
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	380	290	130	R
75-34-3	1,1-Dichloroethane	ND	57	8.3	U
67-66-3	Chloroform	ND	86	8.0	U
56-23-5	Carbon tetrachloride	ND	57	13.	U
78-87-5	1,2-Dichloropropane	ND	57	7.2	U
124-48-1	Dibromochloromethane	ND	57	8.0	U
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U
127-18-4	Tetrachloroethene	290	29	11.	
108-90-7	Chlorobenzene	ND	29	7.3	U
75-69-4	Trichlorofluoromethane	ND	230	40.	U
107-06-2	1,2-Dichloroethane	ND	57	15.	U
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U
75-27-4	Bromodichloromethane	ND	29	6.2	U
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.1	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	29	9.1	U
75-25-2	Bromoform	ND	230	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U
71-43-2	Benzene	ND	29	9.5	U
108-88-3	Toluene	ND	57	31.	U
100-41-4	Ethylbenzene	ND	57	8.1	U
74-87-3	Chloromethane	ND	230	54.	U
74-83-9	Bromomethane	ND	110	33.	U
75-01-4	Vinyl chloride	37	57	19.	J

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	R
75-35-4	1,1-Dichloroethene	ND	57	14.	U	
156-60-5	trans-1,2-Dichloroethene	16	86	7.9	J	
79-01-6	Trichloroethene	97	29	7.9		
95-50-1	1,2-Dichlorobenzene	ND	110	8.3	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U	
1634-04-4	Methyl tert butyl ether	ND	110	12.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	17.	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	2600	57	10.		
540-59-0	1,2-Dichloroethene, Total	2600	1.5	0.14	J	R
74-95-3	Dibromomethane	ND	110	14.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	280	U	
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	130	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.3	U	
591-78-6	2-Hexanone	ND	570	68.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	57	16.	U
142-28-9	1,3-Dichloropropane	ND	110	9.6	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U
108-86-1	Bromobenzene	ND	110	8.3	U
104-51-8	n-Butylbenzene	ND	57	9.6	U
135-98-8	sec-Butylbenzene	ND	57	8.4	U
98-06-6	tert-Butylbenzene	ND	110	6.8	U
95-49-8	o-Chlorotoluene	ND	110	11.	U
106-43-4	p-Chlorotoluene	ND	110	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U
87-68-3	Hexachlorobutadiene	ND	230	9.7	U
98-82-8	Isopropylbenzene	ND	57	6.2	U
99-87-6	p-Isopropyltoluene	ND	57	6.2	U
91-20-3	Naphthalene	ND	230	37.	U
107-13-1	Acrylonitrile	ND	230	66.	U
103-65-1	n-Propylbenzene	ND	57	9.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U
123-91-1	1,4-Dioxane	ND	4600	2000	U
105-05-5	p-Diethylbenzene	ND	110	10.	U
622-96-8	p-Ethyltoluene	ND	110	22.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U
60-29-7	Ethyl ether	ND	110	20.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	82.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-12	**Date Collected**	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/12/19 17:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190712A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

DLM 8/17/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	ND	110	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	18.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	41.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	67.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	83.	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	460	86.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	580	180	U
100-51-6	Benzyl Alcohol	ND	180	55.	U
86-74-8	Carbazole	ND	180	17.	U
123-91-1	1,4-Dioxane	ND	27	8.2	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-01	**Date Collected**	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 16:18
Sample Matrix	: SOIL	**Date Extracted**	: 07/14/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 29855-01	**Analyst**	: RC
Sample Amount	: 30.63 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	31.	U	
88-74-4	2-Nitroaniline	ND	170	33.	U	
99-09-2	3-Nitroaniline	ND	170	32.	U	
100-01-6	4-Nitroaniline	ND	170	71.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	200	21.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U	
98-86-2	Acetophenone	ND	170	21.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U	
59-50-7	p-Chloro-m-cresol	ND	170	26.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	150	28.	U	
105-67-9	2,4-Dimethylphenol	ND	170	57.	U	
88-75-5	2-Nitrophenol	ND	370	64.	U	
100-02-7	4-Nitrophenol	ND	240	70.	U	
51-28-5	2,4-Dinitrophenol	ND	820	80.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	82.	U	
87-86-5	Pentachlorophenol	ND	140	38.	U	
108-95-2	Phenol	ND	170	26.	U	
95-48-7	2-Methylphenol	ND	170	27.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-02	**Date Collected**	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 16:43
Sample Matrix	: SOIL	**Date Extracted**	: 07/14/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 29855-02	**Analyst**	: RC
Sample Amount	: 30.16 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	190	22.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
95-50-1	1,2-Dichlorobenzene	ND	190	34.	U
541-73-1	1,3-Dichlorobenzene	ND	190	33.	U
106-46-7	1,4-Dichlorobenzene	ND	190	34.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	150	23.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	ND	120	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	45.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	190	35.	U	
88-74-4	2-Nitroaniline	ND	190	37.	U	
99-09-2	3-Nitroaniline	ND	190	36.	U	
100-01-6	4-Nitroaniline	ND	190	80.	U	
132-64-9	Dibenzofuran	ND	190	18.	U	
91-57-6	2-Methylnaphthalene	ND	230	23.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U	
98-86-2	Acetophenone	ND	190	24.	U	
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U	
59-50-7	p-Chloro-m-cresol	ND	190	29.	U	
95-57-8	2-Chlorophenol	ND	190	23.	U	
120-83-2	2,4-Dichlorophenol	ND	170	31.	U	
105-67-9	2,4-Dimethylphenol	ND	190	63.	U	
88-75-5	2-Nitrophenol	ND	420	72.	U	
100-02-7	4-Nitrophenol	ND	270	78.	U	
51-28-5	2,4-Dinitrophenol	ND	920	90.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U	
87-86-5	Pentachlorophenol	ND	150	42.	U	
108-95-2	Phenol	ND	190	29.	U	
95-48-7	2-Methylphenol	ND	190	30.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U	
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	620	190	U
100-51-6	Benzyl Alcohol	ND	190	59.	U
86-74-8	Carbazole	ND	190	19.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	170	16.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	29.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	44.	U
121-14-2	2,4-Dinitrotoluene	ND	170	33.	U
606-20-2	2,6-Dinitrotoluene	ND	170	28.	U
206-44-0	Fluoranthene	760	100	19.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	23	170	20.	J
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	130	19.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	85	170	58.	J	170U
85-68-7	Butyl benzyl phthalate	ND	170	42.	U	
84-74-2	Di-n-butylphthalate	ND	170	32.	U	
117-84-0	Di-n-octylphthalate	ND	170	57.	U	
84-66-2	Diethyl phthalate	ND	170	15.	U	
131-11-3	Dimethyl phthalate	ND	170	35.	U	
56-55-3	Benzo(a)anthracene	560	100	19.		
50-32-8	Benzo(a)pyrene	790	130	41.		
205-99-2	Benzo(b)fluoranthene	950	100	28.		
207-08-9	Benzo(k)fluoranthene	310	100	27.		
218-01-9	Chrysene	600	100	17.		
208-96-8	Acenaphthylene	97	130	26.	J	
120-12-7	Anthracene	67	100	32.	J	
191-24-2	Benzo(ghi)perylene	520	130	20.		
86-73-7	Fluorene	ND	170	16.	U	
85-01-8	Phenanthrene	150	100	20.		
53-70-3	Dibenzo(a,h)anthracene	120	100	19.		
193-39-5	Indeno(1,2,3-cd)pyrene	550	130	23.		
129-00-0	Pyrene	850	100	16.		
92-52-4	Biphenyl	ND	380	39.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	30.	U	
88-74-4	2-Nitroaniline	ND	170	32.	U	
99-09-2	3-Nitroaniline	ND	170	31.	U	
100-01-6	4-Nitroaniline	ND	170	69.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	200	20.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	17.	U	
98-86-2	Acetophenone	ND	170	21.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U	
59-50-7	p-Chloro-m-cresol	ND	170	25.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	150	27.	U	
105-67-9	2,4-Dimethylphenol	ND	170	55.	U	
88-75-5	2-Nitrophenol	ND	360	63.	U	
100-02-7	4-Nitrophenol	ND	230	68.	U	
51-28-5	2,4-Dinitrophenol	ND	800	78.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U	
87-86-5	Pentachlorophenol	ND	130	37.	U	
108-95-2	Phenol	ND	170	25.	U	
95-48-7	2-Methylphenol	ND	170	26.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	540	170	U
100-51-6	Benzyl Alcohol	ND	170	51.	U
86-74-8	Carbazole	26	170	16.	J
123-91-1	1,4-Dioxane	ND	25	7.7	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 12

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.20	134	J
	Unknown	2.61	140	J
000127-18-4	Tetrachloroethylene	2.73	12700	NJ
	Unknown	9.86	152	J
	Unknown	11.59	136	J
	Unknown PAH	13.57	209	J
	Unknown PAH	13.82	581	J
	Unknown PAH	15.44	225	J
	Unknown PAH	15.77	160	J
	Unknown PAH	17.61	160	J
	Unknown PAH	18.13	175	J
	Total TIC Compounds		14800J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	32.	U	
88-74-4	2-Nitroaniline	ND	170	34.	U	
99-09-2	3-Nitroaniline	ND	170	33.	U	
100-01-6	4-Nitroaniline	ND	170	72.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	210	21.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U	
98-86-2	Acetophenone	ND	170	22.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U	
59-50-7	p-Chloro-m-cresol	ND	170	26.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	160	28.	U	
105-67-9	2,4-Dimethylphenol	ND	170	57.	U	
88-75-5	2-Nitrophenol	ND	380	65.	U	
100-02-7	4-Nitrophenol	ND	240	71.	U	
51-28-5	2,4-Dinitrophenol	ND	830	81.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U	
87-86-5	Pentachlorophenol	ND	140	38.	U	
108-95-2	Phenol	ND	170	26.	U	
95-48-7	2-Methylphenol	ND	170	27.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	0.84	5.0	0.38	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 6

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.38	140	J
	Aldol Condensates	1.82	309	J
	Unknown Alcohol	2.86	21.4	J
	Unknown	12.91	1.93	J
	Unknown	13.78	2.04	J
	Total TIC Compounds		474J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/14/19 01:55
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1258945-1	Date Collected	: NA
Client ID	: WG1258945-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/19 12:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 258945-1	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 20:23
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191913	Analyst	: MA
Sample Amount	: 5.505 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.96	2.03	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 21:34
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191916	Analyst	: MA
Sample Amount	: 5.693 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.27	1.85	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 21:58
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191917	Analyst	: MA
Sample Amount	: 5.389 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.72	1.97	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191918	Analyst	: MA
Sample Amount	: 5.789 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	26.5	8.08	2.06	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 22:43
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191919	Analyst	: MA
Sample Amount	: 5.88 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	6.86	1.75	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 23:06
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191920	Analyst	: MA
Sample Amount	: 5.958 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	5.68	7.14	1.82	J

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 21:44
Sample Matrix	: WATER	Date Extracted	: 07/10/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207111940	Analyst	: MA
Sample Amount	: 270 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 23:03
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-39	Analyst	: WR
Sample Amount	: 15.61 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.1	3.12	U
11104-28-2	Aroclor 1221	ND	35.1	3.52	U
11141-16-5	Aroclor 1232	ND	35.1	7.44	U
53469-21-9	Aroclor 1242	ND	35.1	4.73	U
12672-29-6	Aroclor 1248	ND	35.1	5.26	U
11097-69-1	Aroclor 1254	ND	35.1	3.84	U
11096-82-5	Aroclor 1260	ND	35.1	6.48	U
37324-23-5	Aroclor 1262	ND	35.1	4.46	U
11100-14-4	Aroclor 1268	ND	35.1	3.63	U
1336-36-3	PCBs, Total	ND	35.1	3.12	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:40
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-52	Analyst	: WR
Sample Amount	: 15.78 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.29	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	ND	32.8	4.92	U
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
37324-23-5	Aroclor 1262	ND	32.8	4.16	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U
1336-36-3	PCBs, Total	ND	32.8	2.91	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:52
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-53	Analyst	: WR
Sample Amount	: 15.54 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.4	2.97	U
11104-28-2	Aroclor 1221	ND	33.4	3.35	U
11141-16-5	Aroclor 1232	ND	33.4	7.09	U
53469-21-9	Aroclor 1242	ND	33.4	4.51	U
12672-29-6	Aroclor 1248	ND	33.4	5.02	U
11097-69-1	Aroclor 1254	ND	33.4	3.66	U
11096-82-5	Aroclor 1260	ND	33.4	6.18	U
37324-23-5	Aroclor 1262	ND	33.4	4.25	U
11100-14-4	Aroclor 1268	ND	33.4	3.46	U
1336-36-3	PCBs, Total	ND	33.4	2.97	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:24
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-54	Analyst	: WR
Sample Amount	: 15.29 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	38.2	3.40	U
11104-28-2	Aroclor 1221	ND	38.2	3.83	U
11141-16-5	Aroclor 1232	ND	38.2	8.11	U
53469-21-9	Aroclor 1242	ND	38.2	5.16	U
12672-29-6	Aroclor 1248	ND	38.2	5.74	U
11097-69-1	Aroclor 1254	ND	38.2	4.18	U
11096-82-5	Aroclor 1260	ND	38.2	7.07	U
37324-23-5	Aroclor 1262	ND	38.2	4.86	U
11100-14-4	Aroclor 1268	ND	38.2	3.96	U
1336-36-3	PCBs, Total	ND	38.2	3.40	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:36
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-55	Analyst	: WR
Sample Amount	: 15.38 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.29	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	ND	32.8	4.92	U
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
37324-23-5	Aroclor 1262	ND	32.8	4.17	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:36
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-55	Analyst	: WR
Sample Amount	: 15.38 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
1336-36-3	PCBs, Total	ND	32.8	2.91	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:48
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-56	Analyst	: WR
Sample Amount	: 15.16 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.1	3.12	U
11104-28-2	Aroclor 1221	ND	35.1	3.52	U
11141-16-5	Aroclor 1232	ND	35.1	7.44	U
53469-21-9	Aroclor 1242	ND	35.1	4.73	U
12672-29-6	Aroclor 1248	ND	35.1	5.26	U
11097-69-1	Aroclor 1254	ND	35.1	3.84	U
11096-82-5	Aroclor 1260	ND	35.1	6.48	U
37324-23-5	Aroclor 1262	ND	35.1	4.46	U
11100-14-4	Aroclor 1268	ND	35.1	3.63	U
1336-36-3	PCBs, Total	ND	35.1	3.12	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/13/19 12:14
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190713a-09	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:57
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-18	Analyst	: BM
Sample Amount	: 15.13 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.74	0.340	U
58-89-9	Lindane	ND	0.724	0.324	U
319-84-6	Alpha-BHC	ND	0.724	0.206	U
319-85-7	Beta-BHC	ND	1.74	0.659	U
76-44-8	Heptachlor	ND	0.869	0.389	U
309-00-2	Aldrin	ND	1.74	0.612	U
1024-57-3	Heptachlor epoxide	ND	3.26	0.977	U
72-20-8	Endrin	ND	0.724	0.297	U
7421-93-4	Endrin aldehyde	ND	2.17	0.760	U
53494-70-5	Endrin ketone	ND	1.74	0.447	U
60-57-1	Dieldrin	ND	1.08	0.543	U
72-55-9	4,4'-DDE	ND	1.74	0.402	U
72-54-8	4,4'-DDD	ND	1.74	0.620	U
50-29-3	4,4'-DDT	ND	3.26	1.40	U
959-98-8	Endosulfan I	ND	1.74	0.410	U
33213-65-9	Endosulfan II	ND	1.74	0.580	U
1031-07-8	Endosulfan sulfate	ND	0.724	0.344	U
72-43-5	Methoxychlor	ND	3.26	1.01	U UJ
8001-35-2	Toxaphene	ND	32.6	9.12	U
5103-71-9	cis-Chlordane	ND	2.17	0.605	U
5103-74-2	trans-Chlordane	ND	2.17	0.573	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:57
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-18	Analyst	: BM
Sample Amount	: 15.13 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.1	5.76	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:00
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-09	Analyst	: BM
Sample Amount	: 15.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.311	U
58-89-9	Lindane	ND	0.662	0.296	U
319-84-6	Alpha-BHC	ND	0.662	0.188	U
319-85-7	Beta-BHC	ND	1.59	0.603	U
76-44-8	Heptachlor	ND	0.795	0.356	U
309-00-2	Aldrin	ND	1.59	0.560	U
1024-57-3	Heptachlor epoxide	ND	2.98	0.894	U
72-20-8	Endrin	ND	0.662	0.272	U
7421-93-4	Endrin aldehyde	ND	1.99	0.695	U
53494-70-5	Endrin ketone	ND	1.59	0.409	U
60-57-1	Dieldrin	ND	0.993	0.497	U
72-55-9	4,4'-DDE	ND	1.59	0.368	U
72-54-8	4,4'-DDD	ND	1.59	0.567	U
50-29-3	4,4'-DDT	ND	2.98	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.376	U
33213-65-9	Endosulfan II	ND	1.59	0.531	U
1031-07-8	Endosulfan sulfate	ND	0.662	0.315	U
72-43-5	Methoxychlor	ND	2.98	0.927	U UJ
8001-35-2	Toxaphene	ND	29.8	8.34	U
5103-71-9	cis-Chlordane	ND	1.99	0.554	U
5103-74-2	trans-Chlordane	ND	1.99	0.524	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:00
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-09	Analyst	: BM
Sample Amount	: 15.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	12.9	5.26	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:13
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-10	Analyst	: BM
Sample Amount	: 15.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.312	U
58-89-9	Lindane	ND	0.664	0.297	U
319-84-6	Alpha-BHC	ND	0.664	0.189	U
319-85-7	Beta-BHC	ND	1.59	0.604	U
76-44-8	Heptachlor	ND	0.797	0.357	U
309-00-2	Aldrin	ND	1.59	0.561	U
1024-57-3	Heptachlor epoxide	ND	2.99	0.897	U
72-20-8	Endrin	ND	0.664	0.272	U
7421-93-4	Endrin aldehyde	ND	1.99	0.697	U
53494-70-5	Endrin ketone	ND	1.59	0.410	U
60-57-1	Dieldrin	ND	0.996	0.498	U
72-55-9	4,4'-DDE	ND	1.59	0.369	U
72-54-8	4,4'-DDD	ND	1.59	0.568	U
50-29-3	4,4'-DDT	ND	2.99	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.377	U
33213-65-9	Endosulfan II	ND	1.59	0.533	U
1031-07-8	Endosulfan sulfate	ND	0.664	0.316	U
72-43-5	Methoxychlor	ND	2.99	0.930	U UJ
8001-35-2	Toxaphene	ND	29.9	8.37	U
5103-71-9	cis-Chlordane	ND	1.99	0.555	U
5103-74-2	trans-Chlordane	ND	1.99	0.526	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:13
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-10	Analyst	: BM
Sample Amount	: 15.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.28	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:26
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-11	Analyst	: BM
Sample Amount	: 15.47 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.81	0.355	U
58-89-9	Lindane	ND	0.756	0.338	U
319-84-6	Alpha-BHC	ND	0.756	0.215	U
319-85-7	Beta-BHC	ND	1.81	0.688	U
76-44-8	Heptachlor	ND	0.907	0.407	U
309-00-2	Aldrin	ND	1.81	0.639	U
1024-57-3	Heptachlor epoxide	ND	3.40	1.02	U
72-20-8	Endrin	ND	0.756	0.310	U
7421-93-4	Endrin aldehyde	ND	2.27	0.794	U
53494-70-5	Endrin ketone	ND	1.81	0.467	U
60-57-1	Dieldrin	ND	1.13	0.567	U
72-55-9	4,4'-DDE	ND	1.81	0.420	U
72-54-8	4,4'-DDD	ND	1.81	0.647	U
50-29-3	4,4'-DDT	ND	3.40	1.46	U
959-98-8	Endosulfan I	ND	1.81	0.429	U
33213-65-9	Endosulfan II	ND	1.81	0.606	U
1031-07-8	Endosulfan sulfate	ND	0.756	0.360	U
72-43-5	Methoxychlor	ND	3.40	1.06	U UJ
8001-35-2	Toxaphene	ND	34.0	9.53	U
5103-71-9	cis-Chlordane	ND	2.27	0.632	U
5103-74-2	trans-Chlordane	ND	2.27	0.599	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:26
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-11	Analyst	: BM
Sample Amount	: 15.47 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.7	6.01	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:39
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-12	Analyst	: BM
Sample Amount	: 15.02 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.61	0.316	U
58-89-9	Lindane	ND	0.672	0.300	U
319-84-6	Alpha-BHC	ND	0.672	0.191	U
319-85-7	Beta-BHC	ND	1.61	0.611	U
76-44-8	Heptachlor	ND	0.806	0.361	U
309-00-2	Aldrin	ND	1.61	0.568	U
1024-57-3	Heptachlor epoxide	ND	3.02	0.907	U
72-20-8	Endrin	ND	0.672	0.275	U
7421-93-4	Endrin aldehyde	ND	2.02	0.705	U
53494-70-5	Endrin ketone	ND	1.61	0.415	U
60-57-1	Dieldrin	ND	1.01	0.504	U
72-55-9	4,4'-DDE	17.7	1.61	0.373	IP
72-54-8	4,4'-DDD	ND	1.61	0.575	U
959-98-8	Endosulfan I	ND	1.61	0.381	U
33213-65-9	Endosulfan II	ND	1.61	0.539	U
1031-07-8	Endosulfan sulfate	ND	0.672	0.320	U
72-43-5	Methoxychlor	ND	3.02	0.940	U UJ
8001-35-2	Toxaphene	ND	30.2	8.46	U
5103-71-9	cis-Chlordane	ND	2.02	0.562	U
5103-74-2	trans-Chlordane	ND	2.02	0.532	U
57-74-9	Chlordane	ND	13.1	5.34	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:39
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-12	Analyst	: BM
Sample Amount	: 15.02 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
50-29-3	4,4'-DDT	38.5	3.02	1.30	

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-13	Analyst	: BM
Sample Amount	: 15.62 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.63	0.320	U	
58-89-9	Lindane	ND	0.681	0.304	U	
319-84-6	Alpha-BHC	ND	0.681	0.193	U	
319-85-7	Beta-BHC	ND	1.63	0.620	U	
76-44-8	Heptachlor	ND	0.817	0.366	U	
309-00-2	Aldrin	ND	1.63	0.576	U	
1024-57-3	Heptachlor epoxide	ND	3.06	0.919	U	
72-20-8	Endrin	ND	0.681	0.279	U	
7421-93-4	Endrin aldehyde	ND	2.04	0.715	U	
53494-70-5	Endrin ketone	ND	1.63	0.421	U	
60-57-1	Dieldrin	ND	1.02	0.511	U	
72-55-9	4,4'-DDE	ND	1.63	0.378	U	
72-54-8	4,4'-DDD	ND	1.63	0.583	U	
50-29-3	4,4'-DDT	ND	3.06	1.31	U	
959-98-8	Endosulfan I	ND	1.63	0.386	U	
33213-65-9	Endosulfan II	ND	1.63	0.546	U	
1031-07-8	Endosulfan sulfate	ND	0.681	0.324	U	
72-43-5	Methoxychlor	ND	3.06	0.953	U	UJ
8001-35-2	Toxaphene	ND	30.6	8.58	U	
5103-71-9	cis-Chlordane	ND	2.04	0.569	U	
5103-74-2	trans-Chlordane	ND	2.04	0.539	U	

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-13	Analyst	: BM
Sample Amount	: 15.62 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.3	5.41	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:59
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190716a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:59
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190716a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:37
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.265g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5630	8.66	2.34	
7440-36-0	Antimony, Total	0.848	4.33	0.329	J
7440-38-2	Arsenic, Total	2.26	0.866	0.180	
7440-39-3	Barium, Total	32.9	0.866	0.151	
7440-41-7	Beryllium, Total	0.251	0.433	0.029	J
7440-43-9	Cadmium, Total	0.372	0.866	0.085	J
7440-70-2	Calcium, Total	35500	8.66	3.03	
7440-47-3	Chromium, Total	13.8	0.866	0.083	
7440-48-4	Cobalt, Total	4.55	1.73	0.144	
7440-50-8	Copper, Total	11.5	0.866	0.223	
7439-89-6	Iron, Total	8910	4.33	0.782	
7439-92-1	Lead, Total	12.6	4.33	0.232	
7439-95-4	Magnesium, Total	3160	8.66	1.33	
7439-96-5	Manganese, Total	186	0.866	0.138	
7440-02-0	Nickel, Total	9.84	2.16	0.210	
7440-09-7	Potassium, Total	768	216	12.5	
7782-49-2	Selenium, Total	0.234	1.73	0.223	J
7440-22-4	Silver, Total	0.485	0.866	0.245	J
7440-23-5	Sodium, Total	384	173	2.73	
7440-28-0	Thallium, Total	ND	1.73	0.273	U
7440-62-2	Vanadium, Total	13.6	0.866	0.176	
7440-66-6	Zinc, Total	27.1	4.33	0.254	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:55
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.252g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6550	8.27	2.23	
7440-36-0	Antimony, Total	0.422	4.13	0.314	J
7440-38-2	Arsenic, Total	0.546	0.827	0.172	J
7440-39-3	Barium, Total	45.9	0.827	0.144	
7440-41-7	Beryllium, Total	0.207	0.413	0.027	J
7440-43-9	Cadmium, Total	0.306	0.827	0.081	J
7440-70-2	Calcium, Total	1360	8.27	2.89	
7440-47-3	Chromium, Total	19.0	0.827	0.079	
7440-48-4	Cobalt, Total	7.07	1.65	0.137	
7440-50-8	Copper, Total	16.3	0.827	0.213	
7439-89-6	Iron, Total	10900	4.13	0.747	
7439-92-1	Lead, Total	2.78	4.13	0.222	J
7439-95-4	Magnesium, Total	3560	8.27	1.27	
7439-96-5	Manganese, Total	244	0.827	0.131	
7440-02-0	Nickel, Total	12.0	2.07	0.200	
7440-09-7	Potassium, Total	1550	207	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.827	0.234	U
7440-23-5	Sodium, Total	82.0	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	24.2	0.827	0.168	
7440-66-6	Zinc, Total	28.2	4.13	0.242	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:59
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.291g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5410	8.05	2.17	
7440-36-0	Antimony, Total	ND	4.02	0.306	U
7440-38-2	Arsenic, Total	0.539	0.805	0.167	J
7440-39-3	Barium, Total	26.6	0.805	0.140	
7440-41-7	Beryllium, Total	0.153	0.402	0.027	J
7440-43-9	Cadmium, Total	0.242	0.805	0.079	J
7440-70-2	Calcium, Total	1120	8.05	2.82	
7440-47-3	Chromium, Total	14.3	0.805	0.077	
7440-48-4	Cobalt, Total	5.43	1.61	0.134	
7440-50-8	Copper, Total	12.1	0.805	0.208	
7439-89-6	Iron, Total	8440	4.02	0.727	
7439-92-1	Lead, Total	2.26	4.02	0.216	J
7439-95-4	Magnesium, Total	3020	8.05	1.24	
7439-96-5	Manganese, Total	211	0.805	0.128	
7440-02-0	Nickel, Total	11.2	2.01	0.195	
7440-09-7	Potassium, Total	1220	201	11.6	
7782-49-2	Selenium, Total	ND	1.61	0.208	U
7440-22-4	Silver, Total	ND	0.805	0.228	U
7440-23-5	Sodium, Total	60.8	161	2.54	J
7440-28-0	Thallium, Total	ND	1.61	0.254	U
7440-62-2	Vanadium, Total	18.6	0.805	0.163	
7440-66-6	Zinc, Total	20.6	4.02	0.236	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:04
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.298g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	7610	9.01	2.43	
7440-36-0	Antimony, Total	0.631	4.50	0.342	J
7440-38-2	Arsenic, Total	0.658	0.901	0.187	J
7440-39-3	Barium, Total	55.8	0.901	0.157	
7440-41-7	Beryllium, Total	0.279	0.450	0.030	J
7440-43-9	Cadmium, Total	0.432	0.901	0.088	J
7440-70-2	Calcium, Total	1130	9.01	3.15	
7440-47-3	Chromium, Total	17.9	0.901	0.087	
7440-48-4	Cobalt, Total	11.0	1.80	0.150	
7440-50-8	Copper, Total	26.5	0.901	0.232	
7439-89-6	Iron, Total	15000	4.50	0.814	
7439-92-1	Lead, Total	3.97	4.50	0.241	J
7439-95-4	Magnesium, Total	4080	9.01	1.39	
7439-96-5	Manganese, Total	428	0.901	0.143	
7440-02-0	Nickel, Total	15.6	2.25	0.218	
7440-09-7	Potassium, Total	2210	225	13.0	
7782-49-2	Selenium, Total	ND	1.80	0.232	U
7440-22-4	Silver, Total	ND	0.901	0.255	U
7440-23-5	Sodium, Total	56.2	180	2.84	J
7440-28-0	Thallium, Total	ND	1.80	0.284	U
7440-62-2	Vanadium, Total	28.1	0.901	0.183	
7440-66-6	Zinc, Total	40.5	4.50	0.264	

ALPHA ANALYTICAL

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.261g	%Solids	: 99
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6320	8.00	2.16	
7440-36-0	Antimony, Total	0.704	4.00	0.304	J
7440-38-2	Arsenic, Total	0.704	0.800	0.166	J
7440-39-3	Barium, Total	51.0	0.800	0.139	
7440-41-7	Beryllium, Total	0.232	0.400	0.026	J
7440-43-9	Cadmium, Total	0.536	0.800	0.078	J
7440-70-2	Calcium, Total	1770	8.00	2.80	
7440-47-3	Chromium, Total	21.2	0.800	0.077	
7440-48-4	Cobalt, Total	17.1	1.60	0.133	
7440-50-8	Copper, Total	48.4	0.800	0.206	
7439-89-6	Iron, Total	18100	4.00	0.723	
7439-92-1	Lead, Total	5.93	4.00	0.214	
7439-95-4	Magnesium, Total	3430	8.00	1.23	
7439-96-5	Manganese, Total	305	0.800	0.127	
7440-02-0	Nickel, Total	22.0	2.00	0.194	
7440-09-7	Potassium, Total	2200	200	11.5	
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.800	0.226	U
7440-23-5	Sodium, Total	61.6	160	2.52	J
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	31.7	0.800	0.162	
7440-66-6	Zinc, Total	43.9	4.00	0.234	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.286g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4900	8.27	2.23	
7440-36-0	Antimony, Total	0.604	4.14	0.314	J
7440-38-2	Arsenic, Total	1.20	0.827	0.172	
7440-39-3	Barium, Total	77.4	0.827	0.144	
7440-41-7	Beryllium, Total	0.132	0.414	0.027	J
7440-43-9	Cadmium, Total	0.323	0.827	0.081	J
7440-70-2	Calcium, Total	12000	8.27	2.90	
7440-47-3	Chromium, Total	18.2	0.827	0.079	
7440-48-4	Cobalt, Total	8.80	1.65	0.137	
7440-50-8	Copper, Total	29.5	0.827	0.213	
7439-89-6	Iron, Total	11000	4.14	0.747	
7439-92-1	Lead, Total	4.17	4.14	0.222	
7439-95-4	Magnesium, Total	7770	8.27	1.27	
7439-96-5	Manganese, Total	165	0.827	0.132	
7440-02-0	Nickel, Total	24.1	2.07	0.200	
7440-09-7	Potassium, Total	2480	207	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.827	0.234	U
7440-23-5	Sodium, Total	79.4	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	26.6	0.827	0.168	
7440-66-6	Zinc, Total	41.3	4.14	0.242	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 10:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1260309.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00059	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00055	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	0.00017	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00039	0.00050	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00838	0.01000	0.00341	J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 18:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1259918.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.069	0.045	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.394g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.043	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.397g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.074	0.048	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.398g	%Solids	: 99
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.063	0.041	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.398g	%Solids	: 94
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.067	0.044	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 07/10/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0138g	%Solids	: 91
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.1	0.23	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.03g	%Solids	: 97
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0066g	%Solids	: 96
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0342g	%Solids	: 86
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.1	0.24	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0479g	%Solids	: 99
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.96	0.20	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0851g	%Solids	: 94
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 05:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: MAC
Lab File ID	: WG1257902.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 07/10/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5373g	%Solids	: 91
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	1.83	0.876	0.175	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5389g	%Solids	: 97
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.828	0.166	U

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Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-04	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/11/19 09:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1258329.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.5039g	**%Solids**	: 96
Digestion Method	: EPA 3060A	**Date Digested**	: 07/10/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.177	0.832	0.166	J

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4966g	%Solids	: 86
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.936	0.187	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4996g	%Solids	: 99
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	0.282	0.807	0.161	J

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5127g	%Solids	: 94
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.851	0.170	U

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 91
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results (%)	RL (%)	MDL (%)	Qualifier
NONE	Solids, Total	91.3	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.6	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	84.3	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	96.2	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	85.5	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	79.8	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 99
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	99.1	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 94
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	94.0	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	87.5	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 85
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	84.7	0.100	NA	

DLM 8/17/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission
July 22, 2019: This final report includes the results of all requested analyses.
July 17, 2019: This is a preliminary report.

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

Sample Receipt
L1929855-11: A sample identified as "TRIP BLANK" was listed on the Chain of Custody, but not received. This was verified by the client.

Volatile Organics
L1929855-10 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Total Metals
L1929855-01, -02, -04, -05, -07 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
L1929855-12: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.
The WG1259940-1 Method Blank, associated with L1929855-12, has a concentration above the reporting limit for thallium. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.
The WG1259338-7/-8 MS/MSD recoveries for aluminum (136%/370%), calcium (1050%/1400%), iron (0%/0%) and manganese (0%/39%), performed on L1929855-01, do not apply because the sample concentrations are

Case Narrative (continued)

greater than four times the spike amounts added.

Cyanide, Total

The WG1258032-3 LCSD recovery (79%), associated with L1929855-01, -02, -04, -05, -07, and -08, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 07/22/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

NEW YORK CHAIN OF CUSTODY

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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 3

Date Rec'd in Lab: 7/10/19

ALPHA Job #: L1929855

Client Information
Client: Impact
Address: 170 Keyland ct
Bohemia
Phone:
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project # 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

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

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:

* Sample SB-19 (0-2) MS/MSD*

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 VOC's +TICs	TCL SVOC's +TICs	TCL Pesticides+PCB	TAL metals +	Cyanide+Hexchromium	1,4 Dioxane			Sample Specific Comments	Total Bottle
29855-01	SB-19 (0-2)	7/9	7:15	S	LR	X	X	X	X	X	X				
-02	SB-19 (9.5-10)	7/9	7:36	S	LR	X	X	X	X	X	X				
-03	SB-19 (22-22.5)	7/9	8:00	S	LR	X									
-04	SB-20 (0-2)	7/9	9:00	S	LR	X	X	X	X	X	X				
-05	SB-20 (9.5-10)	7/9	9:20	S	LR	X	X	X	X	X	X				
-06	SB-20 (26-26.5)	7/9	10:15	S	LR	X									
-07	SB-21 (0-2)	7/9	10:55	S	LR	X	X	X	X	X	X				
-08	SB-21 (9.5-10)	7/9	11:10	S	LR	X	X	X	X	X	X				
-09	SB-21 (13.5-14)	7/9	11:15	S	LR	X									
10	SB-21 (19-19.5)	7/9	11:40	S	LR	X									

Container Type
Preservative

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
	7/9 1500		7/9/19 1530
	7/9/19 2010		7/9 2300
	7/10		7/10/19 0215

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)

NEW JERSEY CHAIN OF CUSTODY

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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 2 of 3

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: Impact
Address: 170 Keyland Ct.
170 Bohemia
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: I-35 31st Drive
Project # 11545
(Use Project name as Project #) ☐
Project Manager: Julie
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other ~~Red~~ category B

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's + TICs	TCL SVOC's + TICs	TCL Pesticides + PCB	TAL Metals	Cyanide + Hexchromium	1,4 Dioxane			Total Bottle
-11	Trip Blank	7/5	—	L	LR	X	X	X	X	X	X			
-12	Field Blank-EQ-5	7/5	650	L	LR	X	X	X	X	X	X			

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

Sample Specific Comments

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

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

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

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	7/9/19 1500		7/9/19 1530
	7/9/19 2010		
			7/10/19 03:45

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31st Drive

Soil Vapor Samples

Organics

SDG No L1926752

Sampling Date: June 19, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental & Public Health Consultants Inc (EPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Site: 31st Drive SDG #: L1926752

Client: Impact Environmental Date: October 3, 2019

Laboratory: Alpha Analytical Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs
SV-4	L1926752-01	Soil Vapor	X
SV-5	L1926752-02	Soil Vapor	X
SV-6	L1926752-03	Soil Vapor	X
SV-7	L1926752-04	Soil Vapor	X
DUP	L1926752-05	Soil Vapor	X
SV-8	L1926752-06	Soil Vapor	X
SV-9	L1926752-07	Soil Vapor	X
SV-10	L1926752-08	Soil Vapor	X
SV-11	L1926752-09	Soil Vapor	X

The data packages contained nine (9) soil vapor samples. The samples were analyzed via EPA Method TO-15. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil vapor samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: No blank contamination was present.

Calibration Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Field Duplicate: Sample L1926752-04D and its duplicate sample L1926752-05D tetrachloroethene sample results are considered estimated (J) due to poor duplicate precision.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). Several samples have elevated detection due to the dilution required by the elevated concentrations of target compounds in the samples.

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-01D	Date Collected	: 06/19/19 10:07
Client ID	: SV-4	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 02:25
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1667
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611429	Instrument ID	: AIRLAB16
Sample Amount	: 0.150 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	333	--	ND	1650	--	U
74-87-3	Chloromethane	ND	333	--	ND	688.	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	333	--	ND	2330	--	U
75-01-4	Vinyl chloride	ND	333	--	ND	851.	--	U
106-99-0	1,3-Butadiene	ND	333	--	ND	737.	--	U
74-83-9	Bromomethane	ND	333	--	ND	1290	--	U
75-00-3	Chloroethane	ND	333	--	ND	879.	--	U
64-17-5	Ethyl Alcohol	ND	8340	--	ND	15700	--	U
593-60-2	Vinyl bromide	ND	333	--	ND	1460	--	U
67-64-1	Acetone	ND	1670	--	ND	3970	--	U
75-69-4	Trichlorofluoromethane	ND	333	--	ND	1870	--	U
67-63-0	iso-Propyl Alcohol	ND	834	--	ND	2050	--	U
75-35-4	1,1-Dichloroethene	ND	333	--	ND	1320	--	U
75-65-0	tert-Butyl Alcohol	ND	834	--	ND	2530	--	U
75-09-2	Methylene chloride	ND	834	--	ND	2900	--	U
107-05-1	3-Chloropropene	ND	333	--	ND	1040	--	U
75-15-0	Carbon disulfide	ND	333	--	ND	1040	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	333	--	ND	2550	--	U
156-60-5	trans-1,2-Dichloroethene	ND	333	--	ND	1320	--	U
75-34-3	1,1-Dichloroethane	ND	333	--	ND	1350	--	U
1634-04-4	Methyl tert butyl ether	ND	333	--	ND	1200	--	U
78-93-3	2-Butanone	ND	834	--	ND	2460	--	U
156-59-2	cis-1,2-Dichloroethene	ND	333	--	ND	1320	--	U
141-78-6	Ethyl Acetate	ND	834	--	ND	3010	--	U
67-66-3	Chloroform	ND	333	--	ND	1630	--	U
109-99-9	Tetrahydrofuran	ND	834	--	ND	2460	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-01D	Date Collected	: 06/19/19 10:07
Client ID	: SV-4	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 02:25
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1667
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611429	Instrument ID	: AIRLAB16
Sample Amount	: 0.150 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	333	--	ND	1350	--	U
110-54-3	n-Hexane	ND	333	--	ND	1170	--	U
71-55-6	1,1,1-Trichloroethane	ND	333	--	ND	1820	--	U
71-43-2	Benzene	ND	333	--	ND	1060	--	U
56-23-5	Carbon tetrachloride	ND	333	--	ND	2090	--	U
110-82-7	Cyclohexane	ND	333	--	ND	1150	--	U
78-87-5	1,2-Dichloropropane	ND	333	--	ND	1540	--	U
75-27-4	Bromodichloromethane	ND	333	--	ND	2230	--	U
1330-20-7	Xylene (Total)	ND	333	--	ND	1450	--	U
123-91-1	1,4-Dioxane	ND	333	--	ND	1200	--	U
79-01-6	Trichloroethene	457	333	--	2460	1790	--	
540-84-1	2,2,4-Trimethylpentane	ND	333	--	ND	1560	--	U
142-82-5	Heptane	ND	333	--	ND	1360	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	333	--	ND	1510	--	U
108-10-1	4-Methyl-2-pentanone	ND	834	--	ND	3420	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	333	--	ND	1510	--	U
79-00-5	1,1,2-Trichloroethane	ND	333	--	ND	1820	--	U
108-88-3	Toluene	ND	333	--	ND	1250	--	U
540-59-0	1,2-Dichloroethene (total)	ND	333	--	ND	1320	--	U
591-78-6	2-Hexanone	ND	333	--	ND	1360	--	U
542-75-6	1,3-Dichloropropene, Total	ND	333	--	ND	1510	--	U
124-48-1	Dibromochloromethane	ND	333	--	ND	2840	--	U
106-93-4	1,2-Dibromoethane	ND	333	--	ND	2560	--	U
127-18-4	Tetrachloroethene	116000	333	--	787000	2260	--	
108-90-7	Chlorobenzene	ND	333	--	ND	1530	--	U
100-41-4	Ethylbenzene	ND	333	--	ND	1450	--	U

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-01D	Date Collected	: 06/19/19 10:07
Client ID	: SV-4	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 02:25
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1667
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611429	Instrument ID	: AIRLAB16
Sample Amount	: 0.150 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	667	--	ND	2900	--	U
75-25-2	Bromoform	ND	333	--	ND	3440	--	U
100-42-5	Styrene	ND	333	--	ND	1420	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	333	--	ND	2290	--	U
95-47-6	o-Xylene	ND	333	--	ND	1450	--	U
622-96-8	4-Ethyltoluene	ND	333	--	ND	1640	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	333	--	ND	1640	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	333	--	ND	1640	--	U
100-44-7	Benzyl chloride	ND	333	--	ND	1720	--	U
541-73-1	1,3-Dichlorobenzene	ND	333	--	ND	2000	--	U
106-46-7	1,4-Dichlorobenzene	ND	333	--	ND	2000	--	U
95-50-1	1,2-Dichlorobenzene	ND	333	--	ND	2000	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	333	--	ND	2470	--	U
87-68-3	Hexachlorobutadiene	ND	333	--	ND	3550	--	U

DLM 10/3/19

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-02D	Date Collected	: 06/19/19 10:07
Client ID	: SV-5	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 03:02
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 12500
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611430	Instrument ID	: AIRLAB16
Sample Amount	: 0.0200 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	2500	--	ND	12400	--	U
74-87-3	Chloromethane	ND	2500	--	ND	5160	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	2500	--	ND	17500	--	U
75-01-4	Vinyl chloride	ND	2500	--	ND	6390	--	U
106-99-0	1,3-Butadiene	ND	2500	--	ND	5530	--	U
74-83-9	Bromomethane	ND	2500	--	ND	9710	--	U
75-00-3	Chloroethane	ND	2500	--	ND	6600	--	U
64-17-5	Ethyl Alcohol	ND	62500	--	ND	118000	--	U
593-60-2	Vinyl bromide	ND	2500	--	ND	10900	--	U
67-64-1	Acetone	ND	12500	--	ND	29700	--	U
75-69-4	Trichlorofluoromethane	ND	2500	--	ND	14000	--	U
67-63-0	iso-Propyl Alcohol	ND	6250	--	ND	15400	--	U
75-35-4	1,1-Dichloroethene	ND	2500	--	ND	9910	--	U
75-65-0	tert-Butyl Alcohol	ND	6250	--	ND	18900	--	U
75-09-2	Methylene chloride	ND	6250	--	ND	21700	--	U
107-05-1	3-Chloropropene	ND	2500	--	ND	7830	--	U
75-15-0	Carbon disulfide	ND	2500	--	ND	7790	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2500	--	ND	19200	--	U
156-60-5	trans-1,2-Dichloroethene	ND	2500	--	ND	9910	--	U
75-34-3	1,1-Dichloroethane	ND	2500	--	ND	10100	--	U
1634-04-4	Methyl tert butyl ether	ND	2500	--	ND	9010	--	U
78-93-3	2-Butanone	ND	6250	--	ND	18400	--	U
156-59-2	cis-1,2-Dichloroethene	ND	2500	--	ND	9910	--	U
141-78-6	Ethyl Acetate	ND	6250	--	ND	22500	--	U
67-66-3	Chloroform	ND	2500	--	ND	12200	--	U
109-99-9	Tetrahydrofuran	ND	6250	--	ND	18400	--	U

DLM 10/3/19

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-02D	Date Collected	: 06/19/19 10:07
Client ID	: SV-5	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 03:02
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 12500
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611430	Instrument ID	: AIRLAB16
Sample Amount	: 0.0200 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	2500	--	ND	10100	--	U
110-54-3	n-Hexane	ND	2500	--	ND	8810	--	U
71-55-6	1,1,1-Trichloroethane	ND	2500	--	ND	13600	--	U
71-43-2	Benzene	ND	2500	--	ND	7990	--	U
56-23-5	Carbon tetrachloride	ND	2500	--	ND	15700	--	U
110-82-7	Cyclohexane	ND	2500	--	ND	8610	--	U
78-87-5	1,2-Dichloropropane	ND	2500	--	ND	11600	--	U
1330-20-7	Xylene (Total)	ND	2500	--	ND	10900	--	U
75-27-4	Bromodichloromethane	ND	2500	--	ND	16700	--	U
123-91-1	1,4-Dioxane	ND	2500	--	ND	9010	--	U
79-01-6	Trichloroethene	2610	2500	--	14000	13400	--	
540-84-1	2,2,4-Trimethylpentane	ND	2500	--	ND	11700	--	U
142-82-5	Heptane	ND	2500	--	ND	10200	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	2500	--	ND	11300	--	U
108-10-1	4-Methyl-2-pentanone	ND	6250	--	ND	25600	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	2500	--	ND	11300	--	U
79-00-5	1,1,2-Trichloroethane	ND	2500	--	ND	13600	--	U
108-88-3	Toluene	ND	2500	--	ND	9420	--	U
540-59-0	1,2-Dichloroethene (total)	ND	2500	--	ND	9910	--	U
591-78-6	2-Hexanone	ND	2500	--	ND	10200	--	U
542-75-6	1,3-Dichloropropene, Total	ND	2500	--	ND	11300	--	U
124-48-1	Dibromochloromethane	ND	2500	--	ND	21300	--	U
106-93-4	1,2-Dibromoethane	ND	2500	--	ND	19200	--	U
127-18-4	Tetrachloroethene	869000	2500	--	5890000	17000	--	
108-90-7	Chlorobenzene	ND	2500	--	ND	11500	--	U
100-41-4	Ethylbenzene	ND	2500	--	ND	10900	--	U

DLM 10/3/19

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-02D	Date Collected	: 06/19/19 10:07
Client ID	: SV-5	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 03:02
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 12500
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611430	Instrument ID	: AIRLAB16
Sample Amount	: 0.0200 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	5000	--	ND	21700	--	U
75-25-2	Bromoform	ND	2500	--	ND	25800	--	U
100-42-5	Styrene	ND	2500	--	ND	10600	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2500	--	ND	17200	--	U
95-47-6	o-Xylene	ND	2500	--	ND	10900	--	U
622-96-8	4-Ethyltoluene	ND	2500	--	ND	12300	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	2500	--	ND	12300	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	2500	--	ND	12300	--	U
100-44-7	Benzyl chloride	ND	2500	--	ND	12900	--	U
541-73-1	1,3-Dichlorobenzene	ND	2500	--	ND	15000	--	U
106-46-7	1,4-Dichlorobenzene	ND	2500	--	ND	15000	--	U
95-50-1	1,2-Dichlorobenzene	ND	2500	--	ND	15000	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	2500	--	ND	18600	--	U
87-68-3	Hexachlorobutadiene	ND	2500	--	ND	26700	--	U

DLM 10/3/19

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-03D	Date Collected	: 06/19/19 10:06
Client ID	: SV-6	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 03:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611431	Instrument ID	: AIRLAB16
Sample Amount	: 0.0100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	5000	--	ND	24700	--	U
74-87-3	Chloromethane	ND	5000	--	ND	10300	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	5000	--	ND	34900	--	U
75-01-4	Vinyl chloride	ND	5000	--	ND	12800	--	U
106-99-0	1,3-Butadiene	ND	5000	--	ND	11100	--	U
74-83-9	Bromomethane	ND	5000	--	ND	19400	--	U
75-00-3	Chloroethane	ND	5000	--	ND	13200	--	U
64-17-5	Ethyl Alcohol	ND	125000	--	ND	236000	--	U
593-60-2	Vinyl bromide	ND	5000	--	ND	21900	--	U
67-64-1	Acetone	ND	25000	--	ND	59400	--	U
75-69-4	Trichlorofluoromethane	ND	5000	--	ND	28100	--	U
67-63-0	iso-Propyl Alcohol	ND	12500	--	ND	30700	--	U
75-35-4	1,1-Dichloroethene	ND	5000	--	ND	19800	--	U
75-65-0	tert-Butyl Alcohol	ND	12500	--	ND	37900	--	U
75-09-2	Methylene chloride	ND	12500	--	ND	43400	--	U
107-05-1	3-Chloropropene	ND	5000	--	ND	15700	--	U
75-15-0	Carbon disulfide	ND	5000	--	ND	15600	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	--	ND	38300	--	U
156-60-5	trans-1,2-Dichloroethene	ND	5000	--	ND	19800	--	U
75-34-3	1,1-Dichloroethane	ND	5000	--	ND	20200	--	U
1634-04-4	Methyl tert butyl ether	ND	5000	--	ND	18000	--	U
78-93-3	2-Butanone	ND	12500	--	ND	36900	--	U
156-59-2	cis-1,2-Dichloroethene	ND	5000	--	ND	19800	--	U
141-78-6	Ethyl Acetate	ND	12500	--	ND	45000	--	U
67-66-3	Chloroform	ND	5000	--	ND	24400	--	U
109-99-9	Tetrahydrofuran	ND	12500	--	ND	36900	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-03D	Date Collected	: 06/19/19 10:06
Client ID	: SV-6	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 03:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611431	Instrument ID	: AIRLAB16
Sample Amount	: 0.0100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	5000	--	ND	20200	--	U
110-54-3	n-Hexane	ND	5000	--	ND	17600	--	U
71-55-6	1,1,1-Trichloroethane	ND	5000	--	ND	27300	--	U
71-43-2	Benzene	ND	5000	--	ND	16000	--	U
56-23-5	Carbon tetrachloride	ND	5000	--	ND	31500	--	U
110-82-7	Cyclohexane	ND	5000	--	ND	17200	--	U
78-87-5	1,2-Dichloropropane	ND	5000	--	ND	23100	--	U
75-27-4	Bromodichloromethane	ND	5000	--	ND	33500	--	U
1330-20-7	Xylene (Total)	ND	5000	--	ND	21700	--	U
123-91-1	1,4-Dioxane	ND	5000	--	ND	18000	--	U
79-01-6	Trichloroethene	ND	5000	--	ND	26900	--	U
540-84-1	2,2,4-Trimethylpentane	ND	5000	--	ND	23400	--	U
142-82-5	Heptane	ND	5000	--	ND	20500	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	5000	--	ND	22700	--	U
108-10-1	4-Methyl-2-pentanone	ND	12500	--	ND	51200	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	5000	--	ND	22700	--	U
79-00-5	1,1,2-Trichloroethane	ND	5000	--	ND	27300	--	U
108-88-3	Toluene	ND	5000	--	ND	18800	--	U
540-59-0	1,2-Dichloroethene (total)	ND	5000	--	ND	19800	--	U
591-78-6	2-Hexanone	ND	5000	--	ND	20500	--	U
124-48-1	Dibromochloromethane	ND	5000	--	ND	42600	--	U
542-75-6	1,3-Dichloropropene, Total	ND	5000	--	ND	22700	--	U
106-93-4	1,2-Dibromoethane	ND	5000	--	ND	38400	--	U
127-18-4	Tetrachloroethene	1820000	5000	--	12300000	33900	--	
108-90-7	Chlorobenzene	ND	5000	--	ND	23000	--	U
100-41-4	Ethylbenzene	ND	5000	--	ND	21700	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-03D	Date Collected	: 06/19/19 10:06
Client ID	: SV-6	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 03:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611431	Instrument ID	: AIRLAB16
Sample Amount	: 0.0100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	10000	--	ND	43400	--	U
75-25-2	Bromoform	ND	5000	--	ND	51700	--	U
100-42-5	Styrene	ND	5000	--	ND	21300	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5000	--	ND	34300	--	U
95-47-6	o-Xylene	ND	5000	--	ND	21700	--	U
622-96-8	4-Ethyltoluene	ND	5000	--	ND	24600	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	5000	--	ND	24600	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	5000	--	ND	24600	--	U
100-44-7	Benzyl chloride	ND	5000	--	ND	25900	--	U
541-73-1	1,3-Dichlorobenzene	ND	5000	--	ND	30100	--	U
106-46-7	1,4-Dichlorobenzene	ND	5000	--	ND	30100	--	U
95-50-1	1,2-Dichlorobenzene	ND	5000	--	ND	30100	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	5000	--	ND	37100	--	U
87-68-3	Hexachlorobutadiene	ND	5000	--	ND	53300	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-04D	Date Collected	: 06/19/19 10:04
Client ID	: SV-7	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 04:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 12500
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611432	Instrument ID	: AIRLAB16
Sample Amount	: 0.0200 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	2500	--	ND	12400	--	U
74-87-3	Chloromethane	ND	2500	--	ND	5160	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	2500	--	ND	17500	--	U
75-01-4	Vinyl chloride	ND	2500	--	ND	6390	--	U
106-99-0	1,3-Butadiene	ND	2500	--	ND	5530	--	U
74-83-9	Bromomethane	ND	2500	--	ND	9710	--	U
75-00-3	Chloroethane	ND	2500	--	ND	6600	--	U
64-17-5	Ethyl Alcohol	ND	62500	--	ND	118000	--	U
593-60-2	Vinyl bromide	ND	2500	--	ND	10900	--	U
67-64-1	Acetone	ND	12500	--	ND	29700	--	U
75-69-4	Trichlorofluoromethane	ND	2500	--	ND	14000	--	U
67-63-0	iso-Propyl Alcohol	ND	6250	--	ND	15400	--	U
75-35-4	1,1-Dichloroethene	ND	2500	--	ND	9910	--	U
75-65-0	tert-Butyl Alcohol	ND	6250	--	ND	18900	--	U
75-09-2	Methylene chloride	ND	6250	--	ND	21700	--	U
107-05-1	3-Chloropropene	ND	2500	--	ND	7830	--	U
75-15-0	Carbon disulfide	ND	2500	--	ND	7790	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2500	--	ND	19200	--	U
156-60-5	trans-1,2-Dichloroethene	ND	2500	--	ND	9910	--	U
75-34-3	1,1-Dichloroethane	ND	2500	--	ND	10100	--	U
1634-04-4	Methyl tert butyl ether	ND	2500	--	ND	9010	--	U
78-93-3	2-Butanone	ND	6250	--	ND	18400	--	U
156-59-2	cis-1,2-Dichloroethene	ND	2500	--	ND	9910	--	U
141-78-6	Ethyl Acetate	ND	6250	--	ND	22500	--	U
67-66-3	Chloroform	ND	2500	--	ND	12200	--	U
109-99-9	Tetrahydrofuran	ND	6250	--	ND	18400	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-04D	Date Collected	: 06/19/19 10:04
Client ID	: SV-7	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 04:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 12500
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611432	Instrument ID	: AIRLAB16
Sample Amount	: 0.0200 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	2500	--	ND	10100	--	U
110-54-3	n-Hexane	ND	2500	--	ND	8810	--	U
71-55-6	1,1,1-Trichloroethane	ND	2500	--	ND	13600	--	U
71-43-2	Benzene	ND	2500	--	ND	7990	--	U
56-23-5	Carbon tetrachloride	ND	2500	--	ND	15700	--	U
110-82-7	Cyclohexane	ND	2500	--	ND	8610	--	U
78-87-5	1,2-Dichloropropane	ND	2500	--	ND	11600	--	U
75-27-4	Bromodichloromethane	ND	2500	--	ND	16700	--	U
1330-20-7	Xylene (Total)	ND	2500	--	ND	10900	--	U
123-91-1	1,4-Dioxane	ND	2500	--	ND	9010	--	U
79-01-6	Trichloroethene	2580	2500	--	13900	13400	--	
540-84-1	2,2,4-Trimethylpentane	ND	2500	--	ND	11700	--	U
142-82-5	Heptane	ND	2500	--	ND	10200	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	2500	--	ND	11300	--	U
108-10-1	4-Methyl-2-pentanone	ND	6250	--	ND	25600	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	2500	--	ND	11300	--	U
79-00-5	1,1,2-Trichloroethane	ND	2500	--	ND	13600	--	U
108-88-3	Toluene	ND	2500	--	ND	9420	--	U
540-59-0	1,2-Dichloroethene (total)	ND	2500	--	ND	9910	--	U
591-78-6	2-Hexanone	ND	2500	--	ND	10200	--	U
124-48-1	Dibromochloromethane	ND	2500	--	ND	21300	--	U
542-75-6	1,3-Dichloropropene, Total	ND	2500	--	ND	11300	--	U
106-93-4	1,2-Dibromoethane	ND	2500	--	ND	19200	--	U
127-18-4	Tetrachloroethene	866000	2500	--	5870000	17000	--	J
108-90-7	Chlorobenzene	ND	2500	--	ND	11500	--	U
100-41-4	Ethylbenzene	ND	2500	--	ND	10900	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-04D	Date Collected	: 06/19/19 10:04
Client ID	: SV-7	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 04:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 12500
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611432	Instrument ID	: AIRLAB16
Sample Amount	: 0.0200 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	5000	--	ND	21700	--	U
75-25-2	Bromoform	ND	2500	--	ND	25800	--	U
100-42-5	Styrene	ND	2500	--	ND	10600	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2500	--	ND	17200	--	U
95-47-6	o-Xylene	ND	2500	--	ND	10900	--	U
622-96-8	4-Ethyltoluene	ND	2500	--	ND	12300	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	2500	--	ND	12300	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	2500	--	ND	12300	--	U
100-44-7	Benzyl chloride	ND	2500	--	ND	12900	--	U
541-73-1	1,3-Dichlorobenzene	ND	2500	--	ND	15000	--	U
106-46-7	1,4-Dichlorobenzene	ND	2500	--	ND	15000	--	U
95-50-1	1,2-Dichlorobenzene	ND	2500	--	ND	15000	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	2500	--	ND	18600	--	U
87-68-3	Hexachlorobutadiene	ND	2500	--	ND	26700	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-05D	Date Collected	: 06/19/19 10:04
Client ID	: DUP	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 04:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611433	Instrument ID	: AIRLAB16
Sample Amount	: 0.0100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	5000	--	ND	24700	--	U
74-87-3	Chloromethane	ND	5000	--	ND	10300	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	5000	--	ND	34900	--	U
75-01-4	Vinyl chloride	ND	5000	--	ND	12800	--	U
106-99-0	1,3-Butadiene	ND	5000	--	ND	11100	--	U
74-83-9	Bromomethane	ND	5000	--	ND	19400	--	U
75-00-3	Chloroethane	ND	5000	--	ND	13200	--	U
64-17-5	Ethyl Alcohol	ND	125000	--	ND	236000	--	U
593-60-2	Vinyl bromide	ND	5000	--	ND	21900	--	U
67-64-1	Acetone	ND	25000	--	ND	59400	--	U
75-69-4	Trichlorofluoromethane	ND	5000	--	ND	28100	--	U
67-63-0	iso-Propyl Alcohol	ND	12500	--	ND	30700	--	U
75-35-4	1,1-Dichloroethene	ND	5000	--	ND	19800	--	U
75-65-0	tert-Butyl Alcohol	ND	12500	--	ND	37900	--	U
75-09-2	Methylene chloride	ND	12500	--	ND	43400	--	U
107-05-1	3-Chloropropene	ND	5000	--	ND	15700	--	U
75-15-0	Carbon disulfide	ND	5000	--	ND	15600	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	--	ND	38300	--	U
156-60-5	trans-1,2-Dichloroethene	ND	5000	--	ND	19800	--	U
75-34-3	1,1-Dichloroethane	ND	5000	--	ND	20200	--	U
1634-04-4	Methyl tert butyl ether	ND	5000	--	ND	18000	--	U
78-93-3	2-Butanone	ND	12500	--	ND	36900	--	U
156-59-2	cis-1,2-Dichloroethene	ND	5000	--	ND	19800	--	U
141-78-6	Ethyl Acetate	ND	12500	--	ND	45000	--	U
67-66-3	Chloroform	ND	5000	--	ND	24400	--	U
109-99-9	Tetrahydrofuran	ND	12500	--	ND	36900	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-05D	Date Collected	: 06/19/19 10:04
Client ID	: DUP	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 04:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611433	Instrument ID	: AIRLAB16
Sample Amount	: 0.0100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	5000	--	ND	20200	--	U
110-54-3	n-Hexane	ND	5000	--	ND	17600	--	U
71-55-6	1,1,1-Trichloroethane	ND	5000	--	ND	27300	--	U
71-43-2	Benzene	ND	5000	--	ND	16000	--	U
56-23-5	Carbon tetrachloride	ND	5000	--	ND	31500	--	U
110-82-7	Cyclohexane	ND	5000	--	ND	17200	--	U
78-87-5	1,2-Dichloropropane	ND	5000	--	ND	23100	--	U
75-27-4	Bromodichloromethane	ND	5000	--	ND	33500	--	U
1330-20-7	Xylene (Total)	ND	5000	--	ND	21700	--	U
123-91-1	1,4-Dioxane	ND	5000	--	ND	18000	--	U
79-01-6	Trichloroethene	ND	5000	--	ND	26900	--	U
540-84-1	2,2,4-Trimethylpentane	ND	5000	--	ND	23400	--	U
142-82-5	Heptane	ND	5000	--	ND	20500	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	5000	--	ND	22700	--	U
108-10-1	4-Methyl-2-pentanone	ND	12500	--	ND	51200	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	5000	--	ND	22700	--	U
79-00-5	1,1,2-Trichloroethane	ND	5000	--	ND	27300	--	U
108-88-3	Toluene	ND	5000	--	ND	18800	--	U
540-59-0	1,2-Dichloroethene (total)	ND	5000	--	ND	19800	--	U
591-78-6	2-Hexanone	ND	5000	--	ND	20500	--	U
124-48-1	Dibromochloromethane	ND	5000	--	ND	42600	--	U
542-75-6	1,3-Dichloropropene, Total	ND	5000	--	ND	22700	--	U
106-93-4	1,2-Dibromoethane	ND	5000	--	ND	38400	--	U
127-18-4	Tetrachloroethene	1530000	5000	--	10400000	33900	--	J
108-90-7	Chlorobenzene	ND	5000	--	ND	23000	--	U
100-41-4	Ethylbenzene	ND	5000	--	ND	21700	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-05D	Date Collected	: 06/19/19 10:04
Client ID	: DUP	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 04:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611433	Instrument ID	: AIRLAB16
Sample Amount	: 0.0100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	10000	--	ND	43400	--	U
75-25-2	Bromoform	ND	5000	--	ND	51700	--	U
100-42-5	Styrene	ND	5000	--	ND	21300	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5000	--	ND	34300	--	U
95-47-6	o-Xylene	ND	5000	--	ND	21700	--	U
622-96-8	4-Ethyltoluene	ND	5000	--	ND	24600	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	5000	--	ND	24600	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	5000	--	ND	24600	--	U
100-44-7	Benzyl chloride	ND	5000	--	ND	25900	--	U
541-73-1	1,3-Dichlorobenzene	ND	5000	--	ND	30100	--	U
106-46-7	1,4-Dichlorobenzene	ND	5000	--	ND	30100	--	U
95-50-1	1,2-Dichlorobenzene	ND	5000	--	ND	30100	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	5000	--	ND	37100	--	U
87-68-3	Hexachlorobutadiene	ND	5000	--	ND	53300	--	U

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-06D	Date Collected	: 06/19/19 10:03
Client ID	: SV-8	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 05:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611434	Instrument ID	: AIRLAB16
Sample Amount	: 0.0500 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	1000	--	ND	4940	--	U
74-87-3	Chloromethane	ND	1000	--	ND	2070	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	1000	--	ND	6990	--	U
75-01-4	Vinyl chloride	ND	1000	--	ND	2560	--	U
106-99-0	1,3-Butadiene	ND	1000	--	ND	2210	--	U
74-83-9	Bromomethane	ND	1000	--	ND	3880	--	U
75-00-3	Chloroethane	ND	1000	--	ND	2640	--	U
64-17-5	Ethyl Alcohol	ND	25000	--	ND	47100	--	U
593-60-2	Vinyl bromide	ND	1000	--	ND	4370	--	U
67-64-1	Acetone	ND	5000	--	ND	11900	--	U
75-69-4	Trichlorofluoromethane	ND	1000	--	ND	5620	--	U
67-63-0	iso-Propyl Alcohol	ND	2500	--	ND	6150	--	U
75-35-4	1,1-Dichloroethene	ND	1000	--	ND	3960	--	U
75-65-0	tert-Butyl Alcohol	ND	2500	--	ND	7580	--	U
75-09-2	Methylene chloride	ND	2500	--	ND	8690	--	U
107-05-1	3-Chloropropene	ND	1000	--	ND	3130	--	U
75-15-0	Carbon disulfide	ND	1000	--	ND	3110	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	--	ND	7660	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1000	--	ND	3960	--	U
75-34-3	1,1-Dichloroethane	ND	1000	--	ND	4050	--	U
1634-04-4	Methyl tert butyl ether	ND	1000	--	ND	3610	--	U
78-93-3	2-Butanone	ND	2500	--	ND	7370	--	U
156-59-2	cis-1,2-Dichloroethene	ND	1000	--	ND	3960	--	U
141-78-6	Ethyl Acetate	ND	2500	--	ND	9010	--	U
67-66-3	Chloroform	ND	1000	--	ND	4880	--	U
109-99-9	Tetrahydrofuran	ND	2500	--	ND	7370	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-06D	Date Collected	: 06/19/19 10:03
Client ID	: SV-8	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 05:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611434	Instrument ID	: AIRLAB16
Sample Amount	: 0.0500 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	1000	--	ND	4050	--	U
110-54-3	n-Hexane	ND	1000	--	ND	3520	--	U
71-55-6	1,1,1-Trichloroethane	ND	1000	--	ND	5460	--	U
71-43-2	Benzene	ND	1000	--	ND	3190	--	U
56-23-5	Carbon tetrachloride	ND	1000	--	ND	6290	--	U
110-82-7	Cyclohexane	ND	1000	--	ND	3440	--	U
78-87-5	1,2-Dichloropropane	ND	1000	--	ND	4620	--	U
75-27-4	Bromodichloromethane	ND	1000	--	ND	6700	--	U
1330-20-7	Xylene (Total)	ND	1000	--	ND	4340	--	U
123-91-1	1,4-Dioxane	ND	1000	--	ND	3600	--	U
79-01-6	Trichloroethene	1120	1000	--	6020	5370	--	
540-84-1	2,2,4-Trimethylpentane	ND	1000	--	ND	4670	--	U
142-82-5	Heptane	ND	1000	--	ND	4100	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	1000	--	ND	4540	--	U
108-10-1	4-Methyl-2-pentanone	ND	2500	--	ND	10200	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1000	--	ND	4540	--	U
79-00-5	1,1,2-Trichloroethane	ND	1000	--	ND	5460	--	U
108-88-3	Toluene	ND	1000	--	ND	3770	--	U
540-59-0	1,2-Dichloroethene (total)	ND	1000	--	ND	3960	--	U
591-78-6	2-Hexanone	ND	1000	--	ND	4100	--	U
124-48-1	Dibromochloromethane	ND	1000	--	ND	8520	--	U
542-75-6	1,3-Dichloropropene, Total	ND	1000	--	ND	4540	--	U
106-93-4	1,2-Dibromoethane	ND	1000	--	ND	7690	--	U
127-18-4	Tetrachloroethene	314000	1000	--	2130000	6780	--	
108-90-7	Chlorobenzene	ND	1000	--	ND	4610	--	U
100-41-4	Ethylbenzene	ND	1000	--	ND	4340	--	U

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Results Summary
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Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-06D	Date Collected	: 06/19/19 10:03
Client ID	: SV-8	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 05:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5000
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611434	Instrument ID	: AIRLAB16
Sample Amount	: 0.0500 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	2000	--	ND	8690	--	U
75-25-2	Bromoform	ND	1000	--	ND	10300	--	U
100-42-5	Styrene	ND	1000	--	ND	4260	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1000	--	ND	6870	--	U
95-47-6	o-Xylene	ND	1000	--	ND	4340	--	U
622-96-8	4-Ethyltoluene	ND	1000	--	ND	4920	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	1000	--	ND	4920	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	1000	--	ND	4920	--	U
100-44-7	Benzyl chloride	ND	1000	--	ND	5180	--	U
541-73-1	1,3-Dichlorobenzene	ND	1000	--	ND	6010	--	U
106-46-7	1,4-Dichlorobenzene	ND	1000	--	ND	6010	--	U
95-50-1	1,2-Dichlorobenzene	ND	1000	--	ND	6010	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1000	--	ND	7420	--	U
87-68-3	Hexachlorobutadiene	ND	1000	--	ND	10700	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-07D	Date Collected	: 06/19/19 10:02
Client ID	: SV-9	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 06:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1316
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611435	Instrument ID	: AIRLAB16
Sample Amount	: 0.190 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	263	--	ND	1300	--	U
74-87-3	Chloromethane	ND	263	--	ND	543.	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	263	--	ND	1840	--	U
75-01-4	Vinyl chloride	ND	263	--	ND	672.	--	U
106-99-0	1,3-Butadiene	ND	263	--	ND	582.	--	U
74-83-9	Bromomethane	ND	263	--	ND	1020	--	U
75-00-3	Chloroethane	ND	263	--	ND	694.	--	U
64-17-5	Ethyl Alcohol	ND	6580	--	ND	12400	--	U
593-60-2	Vinyl bromide	ND	263	--	ND	1150	--	U
67-64-1	Acetone	ND	1320	--	ND	3140	--	U
75-69-4	Trichlorofluoromethane	ND	263	--	ND	1480	--	U
67-63-0	iso-Propyl Alcohol	ND	658	--	ND	1620	--	U
75-35-4	1,1-Dichloroethene	ND	263	--	ND	1040	--	U
75-65-0	tert-Butyl Alcohol	ND	658	--	ND	1990	--	U
75-09-2	Methylene chloride	ND	658	--	ND	2290	--	U
107-05-1	3-Chloropropene	ND	263	--	ND	823.	--	U
75-15-0	Carbon disulfide	ND	263	--	ND	819.	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	263	--	ND	2020	--	U
156-60-5	trans-1,2-Dichloroethene	ND	263	--	ND	1040	--	U
75-34-3	1,1-Dichloroethane	ND	263	--	ND	1060	--	U
1634-04-4	Methyl tert butyl ether	ND	263	--	ND	948.	--	U
78-93-3	2-Butanone	ND	658	--	ND	1940	--	U
156-59-2	cis-1,2-Dichloroethene	ND	263	--	ND	1040	--	U
141-78-6	Ethyl Acetate	ND	658	--	ND	2370	--	U
67-66-3	Chloroform	ND	263	--	ND	1280	--	U
109-99-9	Tetrahydrofuran	ND	658	--	ND	1940	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-07D	Date Collected	: 06/19/19 10:02
Client ID	: SV-9	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 06:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1316
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611435	Instrument ID	: AIRLAB16
Sample Amount	: 0.190 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	263	--	ND	1060	--	U
110-54-3	n-Hexane	ND	263	--	ND	927.	--	U
71-55-6	1,1,1-Trichloroethane	ND	263	--	ND	1430	--	U
71-43-2	Benzene	ND	263	--	ND	840.	--	U
56-23-5	Carbon tetrachloride	ND	263	--	ND	1650	--	U
110-82-7	Cyclohexane	ND	263	--	ND	905.	--	U
78-87-5	1,2-Dichloropropane	ND	263	--	ND	1220	--	U
1330-20-7	Xylene (Total)	ND	263	--	ND	1140	--	U
75-27-4	Bromodichloromethane	ND	263	--	ND	1760	--	U
123-91-1	1,4-Dioxane	ND	263	--	ND	948.	--	U
79-01-6	Trichloroethene	708	263	--	3800	1410	--	
540-84-1	2,2,4-Trimethylpentane	ND	263	--	ND	1230	--	U
142-82-5	Heptane	ND	263	--	ND	1080	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	263	--	ND	1190	--	U
108-10-1	4-Methyl-2-pentanone	ND	658	--	ND	2700	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	263	--	ND	1190	--	U
79-00-5	1,1,2-Trichloroethane	ND	263	--	ND	1430	--	U
108-88-3	Toluene	ND	263	--	ND	991.	--	U
540-59-0	1,2-Dichloroethene (total)	ND	263	--	ND	1040	--	U
591-78-6	2-Hexanone	ND	263	--	ND	1080	--	U
124-48-1	Dibromochloromethane	ND	263	--	ND	2240	--	U
542-75-6	1,3-Dichloropropene, Total	ND	263	--	ND	1190	--	U
106-93-4	1,2-Dibromoethane	ND	263	--	ND	2020	--	U
127-18-4	Tetrachloroethene	101000	263	--	685000	1780	--	
108-90-7	Chlorobenzene	ND	263	--	ND	1210	--	U
100-41-4	Ethylbenzene	ND	263	--	ND	1140	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-07D	Date Collected	: 06/19/19 10:02
Client ID	: SV-9	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 06:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1316
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611435	Instrument ID	: AIRLAB16
Sample Amount	: 0.190 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	526	--	ND	2280	--	U
75-25-2	Bromoform	ND	263	--	ND	2720	--	U
100-42-5	Styrene	ND	263	--	ND	1120	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	263	--	ND	1810	--	U
95-47-6	o-Xylene	ND	263	--	ND	1140	--	U
622-96-8	4-Ethyltoluene	ND	263	--	ND	1290	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	263	--	ND	1290	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	263	--	ND	1290	--	U
100-44-7	Benzyl chloride	ND	263	--	ND	1360	--	U
541-73-1	1,3-Dichlorobenzene	ND	263	--	ND	1580	--	U
106-46-7	1,4-Dichlorobenzene	ND	263	--	ND	1580	--	U
95-50-1	1,2-Dichlorobenzene	ND	263	--	ND	1580	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	263	--	ND	1950	--	U
87-68-3	Hexachlorobutadiene	ND	263	--	ND	2810	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-08D	Date Collected	: 06/19/19 10:00
Client ID	: SV-10	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 07:26
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 925.9
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611436	Instrument ID	: AIRLAB16
Sample Amount	: 0.270 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	185	--	ND	915.	--	U
74-87-3	Chloromethane	ND	185	--	ND	382.	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	185	--	ND	1290	--	U
75-01-4	Vinyl chloride	ND	185	--	ND	473.	--	U
106-99-0	1,3-Butadiene	ND	185	--	ND	409.	--	U
74-83-9	Bromomethane	ND	185	--	ND	718.	--	U
75-00-3	Chloroethane	ND	185	--	ND	488.	--	U
64-17-5	Ethyl Alcohol	ND	4630	--	ND	8720	--	U
593-60-2	Vinyl bromide	ND	185	--	ND	809.	--	U
67-64-1	Acetone	ND	926	--	ND	2200	--	U
75-69-4	Trichlorofluoromethane	ND	185	--	ND	1040	--	U
67-63-0	iso-Propyl Alcohol	ND	463	--	ND	1140	--	U
75-35-4	1,1-Dichloroethene	ND	185	--	ND	733.	--	U
75-65-0	tert-Butyl Alcohol	ND	463	--	ND	1400	--	U
75-09-2	Methylene chloride	ND	463	--	ND	1610	--	U
107-05-1	3-Chloropropene	ND	185	--	ND	579.	--	U
75-15-0	Carbon disulfide	ND	185	--	ND	576.	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	185	--	ND	1420	--	U
156-60-5	trans-1,2-Dichloroethene	ND	185	--	ND	733.	--	U
75-34-3	1,1-Dichloroethane	ND	185	--	ND	749.	--	U
1634-04-4	Methyl tert butyl ether	ND	185	--	ND	667.	--	U
78-93-3	2-Butanone	ND	463	--	ND	1370	--	U
156-59-2	cis-1,2-Dichloroethene	ND	185	--	ND	733.	--	U
141-78-6	Ethyl Acetate	ND	463	--	ND	1670	--	U
67-66-3	Chloroform	ND	185	--	ND	903.	--	U
109-99-9	Tetrahydrofuran	ND	463	--	ND	1370	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-08D	Date Collected	: 06/19/19 10:00
Client ID	: SV-10	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 07:26
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 925.9
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611436	Instrument ID	: AIRLAB16
Sample Amount	: 0.270 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	185	--	ND	749.	--	U
110-54-3	n-Hexane	ND	185	--	ND	652.	--	U
71-55-6	1,1,1-Trichloroethane	ND	185	--	ND	1010	--	U
71-43-2	Benzene	ND	185	--	ND	591.	--	U
56-23-5	Carbon tetrachloride	ND	185	--	ND	1160	--	U
110-82-7	Cyclohexane	ND	185	--	ND	637.	--	U
78-87-5	1,2-Dichloropropane	ND	185	--	ND	855.	--	U
75-27-4	Bromodichloromethane	ND	185	--	ND	1240	--	U
1330-20-7	Xylene (Total)	ND	185	--	ND	804.	--	U
123-91-1	1,4-Dioxane	ND	185	--	ND	667.	--	U
79-01-6	Trichloroethene	317	185	--	1700	994	--	
540-84-1	2,2,4-Trimethylpentane	ND	185	--	ND	864	--	U
142-82-5	Heptane	ND	185	--	ND	758.	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	185	--	ND	840.	--	U
108-10-1	4-Methyl-2-pentanone	ND	463	--	ND	1900	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	185	--	ND	840.	--	U
79-00-5	1,1,2-Trichloroethane	ND	185	--	ND	1010	--	U
108-88-3	Toluene	ND	185	--	ND	697.	--	U
540-59-0	1,2-Dichloroethene (total)	ND	185	--	ND	733.	--	U
591-78-6	2-Hexanone	ND	185	--	ND	758.	--	U
542-75-6	1,3-Dichloropropene, Total	ND	185	--	ND	840.	--	U
124-48-1	Dibromochloromethane	ND	185	--	ND	1580	--	U
106-93-4	1,2-Dibromoethane	ND	185	--	ND	1420	--	U
127-18-4	Tetrachloroethene	71900	185	--	488000	1250	--	
108-90-7	Chlorobenzene	ND	185	--	ND	852.	--	U
100-41-4	Ethylbenzene	ND	185	--	ND	804.	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-08D	Date Collected	: 06/19/19 10:00
Client ID	: SV-10	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 07:26
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 925.9
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611436	Instrument ID	: AIRLAB16
Sample Amount	: 0.270 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	370	--	ND	1610	--	U
75-25-2	Bromoform	ND	185	--	ND	1910	--	U
100-42-5	Styrene	ND	185	--	ND	788.	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	185	--	ND	1270	--	U
95-47-6	o-Xylene	ND	185	--	ND	804.	--	U
622-96-8	4-Ethyltoluene	ND	185	--	ND	909.	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	185	--	ND	909.	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	185	--	ND	909.	--	U
100-44-7	Benzyl chloride	ND	185	--	ND	958.	--	U
541-73-1	1,3-Dichlorobenzene	ND	185	--	ND	1110	--	U
106-46-7	1,4-Dichlorobenzene	ND	185	--	ND	1110	--	U
95-50-1	1,2-Dichlorobenzene	ND	185	--	ND	1110	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	185	--	ND	1370	--	U
87-68-3	Hexachlorobutadiene	ND	185	--	ND	1970	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-09D	Date Collected	: 06/19/19 10:00
Client ID	: SV-11	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 08:03
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 328.9
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611437	Instrument ID	: AIRLAB16
Sample Amount	: 0.760 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	65.8	--	ND	325.	--	U
74-87-3	Chloromethane	ND	65.8	--	ND	136.	--	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethan	ND	65.8	--	ND	460.	--	U
75-01-4	Vinyl chloride	ND	65.8	--	ND	168.	--	U
106-99-0	1,3-Butadiene	ND	65.8	--	ND	146.	--	U
74-83-9	Bromomethane	ND	65.8	--	ND	256.	--	U
75-00-3	Chloroethane	ND	65.8	--	ND	174.	--	U
64-17-5	Ethyl Alcohol	ND	1640	--	ND	3090	--	U
593-60-2	Vinyl bromide	ND	65.8	--	ND	288.	--	U
67-64-1	Acetone	ND	329	--	ND	782	--	U
75-69-4	Trichlorofluoromethane	ND	65.8	--	ND	370.	--	U
67-63-0	iso-Propyl Alcohol	ND	164	--	ND	403.	--	U
75-35-4	1,1-Dichloroethene	ND	65.8	--	ND	261.	--	U
75-65-0	tert-Butyl Alcohol	ND	164	--	ND	497.	--	U
75-09-2	Methylene chloride	ND	164	--	ND	570	--	U
107-05-1	3-Chloropropene	ND	65.8	--	ND	206.	--	U
75-15-0	Carbon disulfide	ND	65.8	--	ND	205.	--	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	65.8	--	ND	504.	--	U
156-60-5	trans-1,2-Dichloroethene	ND	65.8	--	ND	261.	--	U
75-34-3	1,1-Dichloroethane	ND	65.8	--	ND	266.	--	U
1634-04-4	Methyl tert butyl ether	ND	65.8	--	ND	237.	--	U
78-93-3	2-Butanone	ND	164	--	ND	484.	--	U
156-59-2	cis-1,2-Dichloroethene	ND	65.8	--	ND	261.	--	U
141-78-6	Ethyl Acetate	ND	164	--	ND	591.	--	U
67-66-3	Chloroform	ND	65.8	--	ND	321.	--	U
109-99-9	Tetrahydrofuran	ND	164	--	ND	484.	--	U

DLM 10/3/19

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-09D	Date Collected	: 06/19/19 10:00
Client ID	: SV-11	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 08:03
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 328.9
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611437	Instrument ID	: AIRLAB16
Sample Amount	: 0.760 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	65.8	--	ND	266.	--	U
110-54-3	n-Hexane	ND	65.8	--	ND	232.	--	U
71-55-6	1,1,1-Trichloroethane	ND	65.8	--	ND	359.	--	U
71-43-2	Benzene	ND	65.8	--	ND	210.	--	U
56-23-5	Carbon tetrachloride	ND	65.8	--	ND	414.	--	U
110-82-7	Cyclohexane	ND	65.8	--	ND	226.	--	U
78-87-5	1,2-Dichloropropane	ND	65.8	--	ND	304.	--	U
1330-20-7	Xylene (Total)	ND	65.8	--	ND	286.	--	U
75-27-4	Bromodichloromethane	ND	65.8	--	ND	441.	--	U
123-91-1	1,4-Dioxane	ND	65.8	--	ND	237.	--	U
79-01-6	Trichloroethene	146	65.8	--	785	354	--	
540-84-1	2,2,4-Trimethylpentane	ND	65.8	--	ND	307	--	U
142-82-5	Heptane	ND	65.8	--	ND	270.	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	65.8	--	ND	299.	--	U
108-10-1	4-Methyl-2-pentanone	ND	164	--	ND	672.	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	65.8	--	ND	299.	--	U
79-00-5	1,1,2-Trichloroethane	ND	65.8	--	ND	359.	--	U
108-88-3	Toluene	ND	65.8	--	ND	248.	--	U
540-59-0	1,2-Dichloroethene (total)	ND	65.8	--	ND	261.	--	U
591-78-6	2-Hexanone	ND	65.8	--	ND	270.	--	U
542-75-6	1,3-Dichloropropene, Total	ND	65.8	--	ND	299.	--	U
124-48-1	Dibromochloromethane	ND	65.8	--	ND	561.	--	U
106-93-4	1,2-Dibromoethane	ND	65.8	--	ND	506.	--	U
127-18-4	Tetrachloroethene	24100	65.8	--	163000	446	--	
108-90-7	Chlorobenzene	ND	65.8	--	ND	303.	--	U
100-41-4	Ethylbenzene	ND	65.8	--	ND	286.	--	U

ALPHA ANALYTICAL

DLM 10/3/19

Results Summary
Form 1
Volatile Organics in Air

Client	: Impact Environmental	Lab Number	: L1926752
Project Name	: 11-35 31ST DR ASTORIA	Project Number	: 11845
Lab ID	: L1926752-09D	Date Collected	: 06/19/19 10:00
Client ID	: SV-11	Date Received	: 06/19/19
Sample Location	: ASTORIA	Date Analyzed	: 06/27/19 08:03
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 328.9
Analytical Method	: 48,TO-15	Analyst	: RY
Lab File ID	: R1611437	Instrument ID	: AIRLAB16
Sample Amount	: 0.760 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
179601-23-1	p/m-Xylene	ND	132	--	ND	573.	--	U
75-25-2	Bromoform	ND	65.8	--	ND	680.	--	U
100-42-5	Styrene	ND	65.8	--	ND	280.	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	65.8	--	ND	452.	--	U
95-47-6	o-Xylene	ND	65.8	--	ND	286.	--	U
622-96-8	4-Ethyltoluene	ND	65.8	--	ND	323.	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	65.8	--	ND	323.	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	65.8	--	ND	323.	--	U
100-44-7	Benzyl chloride	ND	65.8	--	ND	341.	--	U
541-73-1	1,3-Dichlorobenzene	ND	65.8	--	ND	396.	--	U
106-46-7	1,4-Dichlorobenzene	ND	65.8	--	ND	396.	--	U
95-50-1	1,2-Dichlorobenzene	ND	65.8	--	ND	396.	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	65.8	--	ND	488.	--	U
87-68-3	Hexachlorobutadiene	ND	65.8	--	ND	702.	--	U

DLM 10/3/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 17, 2019. The canister certification results are provided as an addendum.

L1926752-01 through -09: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples

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

Authorized Signature: Christopher J Anderson Report Date: 06/28/19

Title: Technical Director/Representative

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 6/20/19

ALPHA Job #: L1926752

Client Information

Client: Tighe & Bond

Address: 170 Kneeland St
Boston MA

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 11-35 31st Dr Astoria

Project Location: Astoria

Project #: 11845

Project Manager:

ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (subtract non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
926752-01	SV-4		8:02	10:07	-29.90	-4.03		SB		215	0754	X					
-02	SV-5		8:01	10:07	-29.08	-4.73				2014	0808						
-03	SV-6		8:00	10:06	-29.85	-4.66				2368	0137						
-04	SV-7		8:00	10:04	-29.95	-4.40				2361	0934						
-05	DUP		8:00	10:04	-29.90	-4.73				468	0775						
-06	SV-8		7:59	10:03	-29.87	-4.35				349	0454						
-07	SV-9		7:59	10:02	-29.92	-6.08				2764	01146						
-08	SV-10		7:59	10:00	-28.75	-3.44				2200	0876						
-09	SV-11		7:58	10:00	-30.07	-4.55		↓		417	0387	↓					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	6/19 1505	Romeik Jackson AAL	6/19 1505
	6/19 1915		6/19 2200
	6/20 0300		6/20/19 0300

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

DATA USABILITY SUMMARY REPORT

For

31st Drive

SOIL AND GROUNDWATER SAMPLES

Organics Analyses

SDG No L196631

Sampling Date: June 19, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive

SDG #: L1926631

Client: Impact Environmental

Date: Aug 25, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOC
FIELD BLANK EQ-1	L1926631-01	Aqueous	X	
SB-5 (7.5-8)	L1926631-02	Soil	X	X
SB-6 (9-9.5)	L1926631-03	Soil	X	X
SB-7 (8.5-9)	L1926631-04	Soil	X	X
TRIP BLANK	L1926631-05	Aqueous	X	

The data packages contained three (3) soil samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C and 8270D. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All soil samples were present. Field Blank EQ-1 and Trip blank samples were listed on the COC for SVOC analyses; however, no SVOC sample containers were submitted for these blanks.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: No blank contamination was present.

Calibration Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.98	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U	
124-48-1	Dibromochloromethane	ND	0.98	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U	
127-18-4	Tetrachloroethene	15	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U	
75-25-2	Bromoform	ND	3.9	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.98	0.53	U	
100-41-4	Ethylbenzene	ND	0.98	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.91	U	UJ
74-83-9	Bromomethane	1.1	2.0	0.57	J	J
75-01-4	Vinyl chloride	ND	0.98	0.33	U	UJ

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.44	U	
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U	
79-01-6	Trichloroethene	ND	0.49	0.13	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.55	U	
95-47-6	o-Xylene	ND	0.98	0.28	U	
1330-20-7	Xylenes, Total	ND	0.98	0.28	U	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U	
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U	
74-95-3	Dibromomethane	ND	2.0	0.23	U	
100-42-5	Styrene	ND	0.98	0.19	U	
75-71-8	Dichlorodifluoromethane	ND	9.8	0.89	U	
67-64-1	Acetone	7.5	9.8	4.7	J	9.8U
75-15-0	Carbon disulfide	ND	9.8	4.4	U	
78-93-3	2-Butanone	ND	9.8	2.2	U	
108-05-4	Vinyl acetate	ND	9.8	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.2	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U	
591-78-6	2-Hexanone	ND	9.8	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.20	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.98	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.98	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.9	0.16	U	
98-82-8	Isopropylbenzene	ND	0.98	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.64	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.98	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.26	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	78	34.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.17	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.33	U	UJ

DLM 8/17/19

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N06	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 91
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 2

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000141-78-6	Ethyl Acetate	5.05	19.4	NJ
	Total TIC Compounds		19.4J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.3	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.86	0.12	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.86	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.86	0.11	U
124-48-1	Dibromochloromethane	ND	0.86	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.86	0.23	U
127-18-4	Tetrachloroethene	34	0.43	0.17	
108-90-7	Chlorobenzene	ND	0.43	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.5	0.60	U
107-06-2	1,2-Dichloroethane	ND	0.86	0.22	U
71-55-6	1,1,1-Trichloroethane	ND	0.43	0.14	U
75-27-4	Bromodichloromethane	ND	0.43	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.86	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.43	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.43	0.14	U
563-58-6	1,1-Dichloropropene	ND	0.43	0.14	U
75-25-2	Bromoform	ND	3.5	0.21	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.43	0.14	U
71-43-2	Benzene	ND	0.43	0.14	U
108-88-3	Toluene	ND	0.86	0.47	U
100-41-4	Ethylbenzene	ND	0.86	0.12	U
74-87-3	Chloromethane	ND	3.5	0.81	U UJ
74-83-9	Bromomethane	ND	1.7	0.50	U UJ
75-01-4	Vinyl chloride	ND	0.86	0.29	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.7	0.39	U
75-35-4	1,1-Dichloroethene	ND	0.86	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	ND	0.43	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.48	U
95-47-6	o-Xylene	ND	0.86	0.25	U
1330-20-7	Xylenes, Total	ND	0.86	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.15	U
540-59-0	1,2-Dichloroethene, Total	ND	0.86	0.12	U
74-95-3	Dibromomethane	ND	1.7	0.21	U
100-42-5	Styrene	ND	0.86	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.6	0.79	U
67-64-1	Acetone	36	8.6	4.2	J
75-15-0	Carbon disulfide	ND	8.6	3.9	U
78-93-3	2-Butanone	ND	8.6	1.9	U
108-05-4	Vinyl acetate	ND	8.6	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.6	1.1	U
96-18-4	1,2,3-Trichloropropane	ND	1.7	0.11	U
591-78-6	2-Hexanone	ND	8.6	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.18	U
594-20-7	2,2-Dichloropropane	ND	1.7	0.17	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.86	0.24	U	
142-28-9	1,3-Dichloropropane	ND	1.7	0.14	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.43	0.11	U	
108-86-1	Bromobenzene	ND	1.7	0.12	U	
104-51-8	n-Butylbenzene	ND	0.86	0.14	U	
135-98-8	sec-Butylbenzene	ND	0.86	0.13	U	
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U	
95-49-8	o-Chlorotoluene	ND	1.7	0.16	U	
106-43-4	p-Chlorotoluene	ND	1.7	0.09	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.86	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.5	0.15	U	
98-82-8	Isopropylbenzene	ND	0.86	0.09	U	
99-87-6	p-Isopropyltoluene	ND	0.86	0.09	U	
91-20-3	Naphthalene	ND	3.5	0.56	U	
107-13-1	Acrylonitrile	ND	3.5	1.0	U	
103-65-1	n-Propylbenzene	ND	0.86	0.15	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.28	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.24	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.17	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.29	U	
123-91-1	1,4-Dioxane	ND	69	30.	U	R
105-05-5	p-Diethylbenzene	ND	1.7	0.15	U	
622-96-8	p-Ethyltoluene	ND	1.7	0.33	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.7	0.16	U	
60-29-7	Ethyl ether	ND	1.7	0.30	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.3	1.2	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N07	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 97
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 4

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.62	7.24	J
	Unknown	4.87	1.88	J
000141-78-6	Ethyl Acetate	5.06	11.9	NJ
	Total TIC Compounds		21.0J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	93	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.70	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	UJ
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	1.2	0.51	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	3.9	1.0	0.18	
540-59-0	1,2-Dichloroethene, Total	3.9	1.0	0.14	
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U
67-64-1	Acetone	24	10	4.9	24U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N08	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-03	**Date Collected**	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V10190715N08	**Instrument ID**	: VOA110
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 84
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.61	8.63	J
000141-78-6	Ethyl Acetate	5.06	9.05	NJ
	Total TIC Compounds		17.7J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	290	130	U	
75-34-3	1,1-Dichloroethane	ND	57	8.3	U	
67-66-3	Chloroform	ND	86	8.0	U	
56-23-5	Carbon tetrachloride	ND	57	13.	U	
78-87-5	1,2-Dichloropropane	ND	57	7.2	U	
124-48-1	Dibromochloromethane	ND	57	8.0	U	
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U	
127-18-4	Tetrachloroethene	1400	29	11.		
108-90-7	Chlorobenzene	ND	29	7.3	U	
75-69-4	Trichlorofluoromethane	ND	230	40.	U	UJ
107-06-2	1,2-Dichloroethane	ND	57	15.	U	
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U	
75-27-4	Bromodichloromethane	ND	29	6.2	U	
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.0	U	
542-75-6	1,3-Dichloropropene, Total	ND	29	9.0	U	
563-58-6	1,1-Dichloropropene	ND	29	9.1	U	
75-25-2	Bromoform	ND	230	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U	
71-43-2	Benzene	ND	29	9.5	U	
108-88-3	Toluene	ND	57	31.	U	
100-41-4	Ethylbenzene	ND	57	8.1	U	
74-87-3	Chloromethane	ND	230	53.	U	UJ
74-83-9	Bromomethane	ND	110	33.	U	UJ
75-01-4	Vinyl chloride	ND	57	19.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	UJ
75-35-4	1,1-Dichloroethene	ND	57	14.	U	
156-60-5	trans-1,2-Dichloroethene	ND	86	7.8	U	
79-01-6	Trichloroethene	ND	29	7.8	U	
95-50-1	1,2-Dichlorobenzene	ND	110	8.2	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U	
1634-04-4	Methyl tert butyl ether	ND	110	12.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	17.	U	
1330-20-7	Xylenes, Total	ND	57	17.	U	
156-59-2	cis-1,2-Dichloroethene	ND	57	10.	U	
540-59-0	1,2-Dichloroethene, Total	ND	57	7.8	U	
74-95-3	Dibromomethane	ND	110	14.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	280	U	UJ
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	130	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	110	7.3	U	
591-78-6	2-Hexanone	ND	570	68.	U	UJ
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	57	16.	U	
142-28-9	1,3-Dichloropropane	ND	110	9.6	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U	
108-86-1	Bromobenzene	ND	110	8.3	U	
104-51-8	n-Butylbenzene	ND	57	9.6	U	
135-98-8	sec-Butylbenzene	ND	57	8.4	U	
98-06-6	tert-Butylbenzene	ND	110	6.8	U	
95-49-8	o-Chlorotoluene	ND	110	11.	U	
106-43-4	p-Chlorotoluene	ND	110	6.2	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U	
87-68-3	Hexachlorobutadiene	ND	230	9.7	U	
98-82-8	Isopropylbenzene	ND	57	6.2	U	
99-87-6	p-Isopropyltoluene	ND	57	6.2	U	
91-20-3	Naphthalene	41	230	37.	J	
107-13-1	Acrylonitrile	ND	230	66.	U	
103-65-1	n-Propylbenzene	ND	57	9.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U	
123-91-1	1,4-Dioxane	ND	4600	2000	U	R
105-05-5	p-Diethylbenzene	ND	110	10.	U	
622-96-8	p-Ethyltoluene	ND	110	22.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U	
60-29-7	Ethyl ether	ND	110	20.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N10	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	81.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-04	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N10	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	360	160	U	
75-34-3	1,1-Dichloroethane	ND	71	10.	U	
67-66-3	Chloroform	ND	110	10.	U	
56-23-5	Carbon tetrachloride	ND	71	16.	U	
78-87-5	1,2-Dichloropropane	ND	71	8.9	U	
124-48-1	Dibromochloromethane	ND	71	10.	U	
79-00-5	1,1,2-Trichloroethane	ND	71	19.	U	
127-18-4	Tetrachloroethene	4100	36	14.		
108-90-7	Chlorobenzene	ND	36	9.1	U	
75-69-4	Trichlorofluoromethane	ND	280	50.	U	UJ
107-06-2	1,2-Dichloroethane	ND	71	18.	U	
71-55-6	1,1,1-Trichloroethane	ND	36	12.	U	
75-27-4	Bromodichloromethane	ND	36	7.8	U	
10061-02-6	trans-1,3-Dichloropropene	ND	71	20.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	36	11.	U	
542-75-6	1,3-Dichloropropene, Total	ND	36	11.	U	
563-58-6	1,1-Dichloropropene	ND	36	11.	U	
75-25-2	Bromoform	ND	280	18.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	36	12.	U	
71-43-2	Benzene	ND	36	12.	U	
108-88-3	Toluene	ND	71	39.	U	
100-41-4	Ethylbenzene	ND	71	10.	U	
74-87-3	Chloromethane	ND	280	67.	U	UJ
74-83-9	Bromomethane	ND	140	42.	U	UJ
75-01-4	Vinyl chloride	ND	71	24.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	140	32.	U	UJ
75-35-4	1,1-Dichloroethene	ND	71	17.	U	
156-60-5	trans-1,2-Dichloroethene	ND	110	9.8	U	
79-01-6	Trichloroethene	ND	36	9.8	U	
95-50-1	1,2-Dichlorobenzene	ND	140	10.	U	
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U	
106-46-7	1,4-Dichlorobenzene	ND	140	12.	U	
1634-04-4	Methyl tert butyl ether	ND	140	14.	U	
179601-23-1	p/m-Xylene	ND	140	40.	U	
95-47-6	o-Xylene	ND	71	21.	U	
1330-20-7	Xylenes, Total	ND	71	21.	U	
156-59-2	cis-1,2-Dichloroethene	ND	71	12.	U	
540-59-0	1,2-Dichloroethene, Total	ND	71	9.8	U	
74-95-3	Dibromomethane	ND	140	17.	U	
100-42-5	Styrene	ND	71	14.	U	
75-71-8	Dichlorodifluoromethane	ND	710	65.	U	
67-64-1	Acetone	ND	710	340	U	UJ
75-15-0	Carbon disulfide	ND	710	320	U	
78-93-3	2-Butanone	ND	710	160	U	
108-05-4	Vinyl acetate	ND	710	150	U	
108-10-1	4-Methyl-2-pentanone	ND	710	92.	U	UJ
96-18-4	1,2,3-Trichloropropane	ND	140	9.1	U	
591-78-6	2-Hexanone	ND	710	84.	U	UJ
74-97-5	Bromochloromethane	ND	140	15.	U	
594-20-7	2,2-Dichloropropane	ND	140	14.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	71	20.	U	
142-28-9	1,3-Dichloropropane	ND	140	12.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	36	9.4	U	
108-86-1	Bromobenzene	ND	140	10.	U	
104-51-8	n-Butylbenzene	ND	71	12.	U	
135-98-8	sec-Butylbenzene	ND	71	10.	U	
98-06-6	tert-Butylbenzene	ND	140	8.4	U	
95-49-8	o-Chlorotoluene	ND	140	14.	U	
106-43-4	p-Chlorotoluene	ND	140	7.7	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	71.	U	
87-68-3	Hexachlorobutadiene	ND	280	12.	U	
98-82-8	Isopropylbenzene	ND	71	7.8	U	
99-87-6	p-Isopropyltoluene	ND	71	7.8	U	
91-20-3	Naphthalene	ND	280	46.	U	
107-13-1	Acrylonitrile	ND	280	82.	U	
103-65-1	n-Propylbenzene	ND	71	12.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	140	23.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	140	14.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	140	24.	U	
123-91-1	1,4-Dioxane	ND	5700	2500	U	R
105-05-5	p-Diethylbenzene	ND	140	13.	U	
622-96-8	p-Ethyltoluene	ND	140	27.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	140	14.	U	
60-29-7	Ethyl ether	ND	140	24.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N11	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	360	100	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-05	**Date Collected**	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 21:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N11	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 86
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	320	150	U	
75-34-3	1,1-Dichloroethane	ND	65	9.4	U	
67-66-3	Chloroform	ND	97	9.1	U	
56-23-5	Carbon tetrachloride	ND	65	15.	U	UJ
78-87-5	1,2-Dichloropropane	ND	65	8.1	U	
124-48-1	Dibromochloromethane	ND	65	9.1	U	
79-00-5	1,1,2-Trichloroethane	ND	65	17.	U	
127-18-4	Tetrachloroethene	7700	32	13.		
108-90-7	Chlorobenzene	ND	32	8.2	U	
75-69-4	Trichlorofluoromethane	ND	260	45.	U	UJ
107-06-2	1,2-Dichloroethane	ND	65	17.	U	
71-55-6	1,1,1-Trichloroethane	ND	32	11.	U	
75-27-4	Bromodichloromethane	ND	32	7.1	U	
10061-02-6	trans-1,3-Dichloropropene	ND	65	18.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	32	10.	U	
542-75-6	1,3-Dichloropropene, Total	ND	32	10.	U	
563-58-6	1,1-Dichloropropene	ND	32	10.	U	
75-25-2	Bromoform	ND	260	16.	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	32	11.	U	
71-43-2	Benzene	ND	32	11.	U	
108-88-3	Toluene	ND	65	35.	U	
100-41-4	Ethylbenzene	ND	65	9.1	U	
74-87-3	Chloromethane	ND	260	60.	U	
74-83-9	Bromomethane	ND	130	38.	U	UJ
75-01-4	Vinyl chloride	ND	65	22.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	130	29.	U	UJ
75-35-4	1,1-Dichloroethene	ND	65	15.	U	
156-60-5	trans-1,2-Dichloroethene	ND	97	8.9	U	
79-01-6	Trichloroethene	22	32	8.9	J	
95-50-1	1,2-Dichlorobenzene	ND	130	9.3	U	
541-73-1	1,3-Dichlorobenzene	ND	130	9.6	U	
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U	
1634-04-4	Methyl tert butyl ether	ND	130	13.	U	
179601-23-1	p/m-Xylene	ND	130	36.	U	
95-47-6	o-Xylene	ND	65	19.	U	
1330-20-7	Xylenes, Total	ND	65	19.	U	
156-59-2	cis-1,2-Dichloroethene	ND	65	11.	U	
540-59-0	1,2-Dichloroethene, Total	ND	65	8.9	U	
74-95-3	Dibromomethane	ND	130	15.	U	UJ
100-42-5	Styrene	ND	65	13.	U	
75-71-8	Dichlorodifluoromethane	ND	650	59.	U	UJ
67-64-1	Acetone	ND	650	310	U	
75-15-0	Carbon disulfide	ND	650	300	U	
78-93-3	2-Butanone	ND	650	140	U	
108-05-4	Vinyl acetate	ND	650	140	U	
108-10-1	4-Methyl-2-pentanone	ND	650	83.	U	
96-18-4	1,2,3-Trichloropropane	ND	130	8.2	U	
591-78-6	2-Hexanone	ND	650	76.	U	
74-97-5	Bromochloromethane	ND	130	13.	U	UJ
594-20-7	2,2-Dichloropropane	ND	130	13.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	65	18.	U
142-28-9	1,3-Dichloropropane	ND	130	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	32	8.6	U
108-86-1	Bromobenzene	ND	130	9.4	U
104-51-8	n-Butylbenzene	ND	65	11.	U
135-98-8	sec-Butylbenzene	ND	65	9.5	U
98-06-6	tert-Butylbenzene	ND	130	7.6	U
95-49-8	o-Chlorotoluene	ND	130	12.	U
106-43-4	p-Chlorotoluene	ND	130	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	65.	U UJ
87-68-3	Hexachlorobutadiene	ND	260	11.	U UJ
98-82-8	Isopropylbenzene	ND	65	7.1	U
99-87-6	p-Isopropyltoluene	ND	65	7.1	U
91-20-3	Naphthalene	ND	260	42.	U UJ
107-13-1	Acrylonitrile	ND	260	75.	U
103-65-1	n-Propylbenzene	ND	65	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U UJ
108-67-8	1,3,5-Trimethylbenzene	ND	130	12.	U
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U
123-91-1	1,4-Dioxane	ND	5200	2300	U R
105-05-5	p-Diethylbenzene	ND	130	11.	U
622-96-8	p-Ethyltoluene	ND	130	25.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	12.	U
60-29-7	Ethyl ether	ND	130	22.	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 80
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	320	92.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A12	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 80
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	36	0.51	0.20	
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.72	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.56	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.1	0.96	U UJ
74-83-9	Bromomethane	ND	2.0	0.60	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.18	U
1634-04-4	Methyl tert butyl ether	0.42	2.0	0.21	J
179601-23-1	p/m-Xylene	ND	2.0	0.58	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	10	10	5.0	10U
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.21	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.14	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.67	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.18	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	82	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.40	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.20	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 99
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N09	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 99
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.9	2.2	U	
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U	
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	0.98	0.23	U	
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U	
124-48-1	Dibromochloromethane	ND	0.98	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U	
127-18-4	Tetrachloroethene	90	0.49	0.19		
108-90-7	Chlorobenzene	ND	0.49	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U	
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U	
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U	
75-27-4	Bromodichloromethane	ND	0.49	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U	
75-25-2	Bromoform	ND	3.9	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U	
71-43-2	Benzene	ND	0.49	0.16	U	
108-88-3	Toluene	ND	0.98	0.53	U	
100-41-4	Ethylbenzene	ND	0.98	0.14	U	
74-87-3	Chloromethane	ND	3.9	0.92	U	UJ
74-83-9	Bromomethane	ND	2.0	0.57	U	UJ
75-01-4	Vinyl chloride	ND	0.98	0.33	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U
79-01-6	Trichloroethene	0.17	0.49	0.13	J
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.55	U
95-47-6	o-Xylene	ND	0.98	0.29	U
1330-20-7	Xylenes, Total	ND	0.98	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U
74-95-3	Dibromomethane	ND	2.0	0.23	U
100-42-5	Styrene	ND	0.98	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.8	0.90	U
67-64-1	Acetone	21	9.8	4.7	J
75-15-0	Carbon disulfide	ND	9.8	4.5	U
78-93-3	2-Butanone	ND	9.8	2.2	U
108-05-4	Vinyl acetate	ND	9.8	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U
591-78-6	2-Hexanone	ND	9.8	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U	
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.14	U	
104-51-8	n-Butylbenzene	ND	0.98	0.16	U	
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.98	U	UJ
87-68-3	Hexachlorobutadiene	ND	3.9	0.17	U	
98-82-8	Isopropylbenzene	ND	0.98	0.11	U	
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U	
91-20-3	Naphthalene	ND	3.9	0.64	U	
107-13-1	Acrylonitrile	ND	3.9	1.1	U	
103-65-1	n-Propylbenzene	ND	0.98	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U	
123-91-1	1,4-Dioxane	ND	79	34.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.17	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.34	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N10	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 94
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 5

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.61	10.4	J
	Unknown	4.45	5.47	J
000141-78-6	Ethyl Acetate	5.06	4.74	NJ
	Unknown	6.45	7.92	J
	Total TIC Compounds		28.5J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	160	71.	U	
75-34-3	1,1-Dichloroethane	ND	31	4.5	U	
67-66-3	Chloroform	ND	47	4.4	U	
56-23-5	Carbon tetrachloride	ND	31	7.2	U	
78-87-5	1,2-Dichloropropane	ND	31	3.9	U	
124-48-1	Dibromochloromethane	ND	31	4.4	U	
79-00-5	1,1,2-Trichloroethane	ND	31	8.3	U	
127-18-4	Tetrachloroethene	1900	16	6.1		
108-90-7	Chlorobenzene	ND	16	3.9	U	
75-69-4	Trichlorofluoromethane	ND	120	22.	U	UJ
107-06-2	1,2-Dichloroethane	ND	31	8.0	U	
71-55-6	1,1,1-Trichloroethane	ND	16	5.2	U	
75-27-4	Bromodichloromethane	ND	16	3.4	U	
10061-02-6	trans-1,3-Dichloropropene	ND	31	8.5	U	
10061-01-5	cis-1,3-Dichloropropene	ND	16	4.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	16	4.9	U	
563-58-6	1,1-Dichloropropene	ND	16	4.9	U	
75-25-2	Bromoform	ND	120	7.6	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	16	5.2	U	
71-43-2	Benzene	ND	16	5.2	U	
108-88-3	Toluene	ND	31	17.	U	
100-41-4	Ethylbenzene	ND	31	4.4	U	
74-87-3	Chloromethane	ND	120	29.	U	UJ
74-83-9	Bromomethane	ND	62	18.	U	UJ
75-01-4	Vinyl chloride	ND	31	10.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	62	14.	U	UJ
75-35-4	1,1-Dichloroethene	ND	31	7.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	47	4.2	U	
79-01-6	Trichloroethene	50	16	4.2		
95-50-1	1,2-Dichlorobenzene	ND	62	4.5	U	
541-73-1	1,3-Dichlorobenzene	ND	62	4.6	U	
106-46-7	1,4-Dichlorobenzene	ND	62	5.3	U	
1634-04-4	Methyl tert butyl ether	ND	62	6.2	U	
179601-23-1	p/m-Xylene	ND	62	17.	U	
95-47-6	o-Xylene	ND	31	9.0	U	
1330-20-7	Xylenes, Total	ND	31	9.0	U	
156-59-2	cis-1,2-Dichloroethene	12	31	5.4	J	
540-59-0	1,2-Dichloroethene, Total	12	31	4.2	J	
74-95-3	Dibromomethane	ND	62	7.4	U	
100-42-5	Styrene	ND	31	6.1	U	
75-71-8	Dichlorodifluoromethane	ND	310	28.	U	
67-64-1	Acetone	ND	310	150	U	UJ
75-15-0	Carbon disulfide	ND	310	140	U	
78-93-3	2-Butanone	ND	310	69.	U	
108-05-4	Vinyl acetate	ND	310	67.	U	
108-10-1	4-Methyl-2-pentanone	ND	310	40.	U	
96-18-4	1,2,3-Trichloropropane	29	62	3.9	J	
591-78-6	2-Hexanone	ND	310	37.	U	UJ
74-97-5	Bromochloromethane	ND	62	6.4	U	
594-20-7	2,2-Dichloropropane	ND	62	6.3	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-93-4	1,2-Dibromoethane	ND	31	8.7	U	
142-28-9	1,3-Dichloropropane	ND	62	5.2	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	16	4.1	U	
108-86-1	Bromobenzene	ND	62	4.5	U	
104-51-8	n-Butylbenzene	430	31	5.2		
135-98-8	sec-Butylbenzene	320	31	4.5		
98-06-6	tert-Butylbenzene	3.7	62	3.7	J	
95-49-8	o-Chlorotoluene	ND	62	5.9	U	
106-43-4	p-Chlorotoluene	ND	62	3.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	93	31.	U	
87-68-3	Hexachlorobutadiene	ND	120	5.2	U	
98-82-8	Isopropylbenzene	8.3	31	3.4	J	
99-87-6	p-Isopropyltoluene	200	31	3.4		
91-20-3	Naphthalene	ND	120	20.	U	
107-13-1	Acrylonitrile	ND	120	36.	U	
103-65-1	n-Propylbenzene	55	31	5.3		
87-61-6	1,2,3-Trichlorobenzene	ND	62	10.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	62	8.4	U	
108-67-8	1,3,5-Trimethylbenzene	460	62	6.0		
95-63-6	1,2,4-Trimethylbenzene	260	62	10.		
123-91-1	1,4-Dioxane	ND	2500	1100	U	R
105-05-5	p-Diethylbenzene	3900	62	5.5		
622-96-8	p-Ethyltoluene	450	62	12.		
95-93-2	1,2,4,5-Tetramethylbenzene	240	62	5.9		
60-29-7	Ethyl ether	ND	62	11.	U	UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	: 11.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	160	44.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N13	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 88
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 16

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	9.01	383	J
	Unknown Alkane	10.35	361	J
	Unknown Alkane	10.74	476	J
017301-94-9	Nonane, 4-methyl-	10.78	414	NJ
	Unknown Alkane	10.94	432	J
	Unknown Alkane	11.65	311	J
002847-72-5	Decane, 4-methyl-	11.69	581	NJ
	Unknown	11.77	710	J
013151-34-3	Decane, 3-methyl-	12.28	446	NJ
	Unknown Benzene	12.53	858	J
	Unknown Benzene	12.57	4060	J
	Unknown Aromatic	12.83	924	J
	Unknown Benzene	12.91	1460	J
	Unknown Benzene	12.99	1610	J
	Unknown	13.10	523	J
	Total TIC Compounds		13500J	J

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.1	2.3	U	
75-34-3	1,1-Dichloroethane	2.2	1.0	0.15		
67-66-3	Chloroform	ND	1.5	0.14	U	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U	
124-48-1	Dibromochloromethane	ND	1.0	0.14	U	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U	
127-18-4	Tetrachloroethene	120	0.51	0.20		
108-90-7	Chlorobenzene	ND	0.51	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U	
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U	
75-27-4	Bromodichloromethane	ND	0.51	0.11	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U	
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U	
75-25-2	Bromoform	ND	4.1	0.25	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U	
71-43-2	Benzene	ND	0.51	0.17	U	
108-88-3	Toluene	ND	1.0	0.55	U	
100-41-4	Ethylbenzene	ND	1.0	0.14	U	
74-87-3	Chloromethane	ND	4.1	0.95	U	UJ
74-83-9	Bromomethane	ND	2.0	0.59	U	UJ
75-01-4	Vinyl chloride	22	1.0	0.34		UJ

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.0	0.46	U	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.24		
156-60-5	trans-1,2-Dichloroethene	5.1	1.5	0.14		
79-01-6	Trichloroethene	36	0.51	0.14		
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U	
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U	
179601-23-1	p/m-Xylene	ND	2.0	0.57	U	
95-47-6	o-Xylene	ND	1.0	0.30	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	860	1.0	0.18	E	R
74-95-3	Dibromomethane	ND	2.0	0.24	U	
100-42-5	Styrene	ND	1.0	0.20	U	
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U	
67-64-1	Acetone	31	10	4.9		J
75-15-0	Carbon disulfide	ND	10	4.6	U	
78-93-3	2-Butanone	ND	10	2.2	U	
108-05-4	Vinyl acetate	ND	10	2.2	U	
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U	
591-78-6	2-Hexanone	ND	10	1.2	U	
74-97-5	Bromochloromethane	ND	2.0	0.21	U	
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U	
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U	
108-86-1	Bromobenzene	ND	2.0	0.15	U	
104-51-8	n-Butylbenzene	ND	1.0	0.17	U	
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U	
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U	
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U	UJ
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U	
98-82-8	Isopropylbenzene	ND	1.0	0.11	U	
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U	
91-20-3	Naphthalene	ND	4.1	0.66	U	
107-13-1	Acrylonitrile	ND	4.1	1.2	U	
103-65-1	n-Propylbenzene	ND	1.0	0.17	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U	
123-91-1	1,4-Dioxane	ND	81	36.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.39	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U	
60-29-7	Ethyl ether	ND	2.0	0.35	U	UJ
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	380	290	130	R
75-34-3	1,1-Dichloroethane	ND	57	8.3	U
67-66-3	Chloroform	ND	86	8.0	U
56-23-5	Carbon tetrachloride	ND	57	13.	U
78-87-5	1,2-Dichloropropane	ND	57	7.2	U
124-48-1	Dibromochloromethane	ND	57	8.0	U
79-00-5	1,1,2-Trichloroethane	ND	57	15.	U
127-18-4	Tetrachloroethene	290	29	11.	
108-90-7	Chlorobenzene	ND	29	7.3	U
75-69-4	Trichlorofluoromethane	ND	230	40.	U
107-06-2	1,2-Dichloroethane	ND	57	15.	U
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U
75-27-4	Bromodichloromethane	ND	29	6.2	U
10061-02-6	trans-1,3-Dichloropropene	ND	57	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.1	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	29	9.1	U
75-25-2	Bromoform	ND	230	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U
71-43-2	Benzene	ND	29	9.5	U
108-88-3	Toluene	ND	57	31.	U
100-41-4	Ethylbenzene	ND	57	8.1	U
74-87-3	Chloromethane	ND	230	54.	U
74-83-9	Bromomethane	ND	110	33.	U
75-01-4	Vinyl chloride	37	57	19.	J

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	110	26.	U	R
75-35-4	1,1-Dichloroethene	ND	57	14.	U	
156-60-5	trans-1,2-Dichloroethene	16	86	7.9	J	
79-01-6	Trichloroethene	97	29	7.9		
95-50-1	1,2-Dichlorobenzene	ND	110	8.3	U	
541-73-1	1,3-Dichlorobenzene	ND	110	8.5	U	
106-46-7	1,4-Dichlorobenzene	ND	110	9.8	U	
1634-04-4	Methyl tert butyl ether	ND	110	12.	U	
179601-23-1	p/m-Xylene	ND	110	32.	U	
95-47-6	o-Xylene	ND	57	17.	U	
1330-20-7	Xylenes, Total	ND	1.0	0.30	U	
156-59-2	cis-1,2-Dichloroethene	2600	57	10.		
540-59-0	1,2-Dichloroethene, Total	2600	1.5	0.14	J	R
74-95-3	Dibromomethane	ND	110	14.	U	
100-42-5	Styrene	ND	57	11.	U	
75-71-8	Dichlorodifluoromethane	ND	570	52.	U	
67-64-1	Acetone	ND	570	280	U	
75-15-0	Carbon disulfide	ND	570	260	U	
78-93-3	2-Butanone	ND	570	130	U	
108-05-4	Vinyl acetate	ND	570	120	U	
108-10-1	4-Methyl-2-pentanone	ND	570	73.	U	
96-18-4	1,2,3-Trichloropropane	ND	110	7.3	U	
591-78-6	2-Hexanone	ND	570	68.	U	
74-97-5	Bromochloromethane	ND	110	12.	U	
594-20-7	2,2-Dichloropropane	ND	110	12.	U	

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	57	16.	U
142-28-9	1,3-Dichloropropane	ND	110	9.6	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U
108-86-1	Bromobenzene	ND	110	8.3	U
104-51-8	n-Butylbenzene	ND	57	9.6	U
135-98-8	sec-Butylbenzene	ND	57	8.4	U
98-06-6	tert-Butylbenzene	ND	110	6.8	U
95-49-8	o-Chlorotoluene	ND	110	11.	U
106-43-4	p-Chlorotoluene	ND	110	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U
87-68-3	Hexachlorobutadiene	ND	230	9.7	U
98-82-8	Isopropylbenzene	ND	57	6.2	U
99-87-6	p-Isopropyltoluene	ND	57	6.2	U
91-20-3	Naphthalene	ND	230	37.	U
107-13-1	Acrylonitrile	ND	230	66.	U
103-65-1	n-Propylbenzene	ND	57	9.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	16.	U
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U
95-63-6	1,2,4-Trimethylbenzene	ND	110	19.	U
123-91-1	1,4-Dioxane	ND	4600	2000	U
105-05-5	p-Diethylbenzene	ND	110	10.	U
622-96-8	p-Ethyltoluene	ND	110	22.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	11.	U
60-29-7	Ethyl ether	ND	110	20.	U

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Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	82.	U	R

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V10190715N11	Instrument ID	: VOA110
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190716A15	Instrument ID	: VOA117
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 85
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/12/19 17:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190712A18	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-12	**Date Collected**	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/12/19 17:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190712A18	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	ND	110	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	18.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	41.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	67.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	83.	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	460	86.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-01	Analyst	: RC
Sample Amount	: 30.63 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	580	180	U
100-51-6	Benzyl Alcohol	ND	180	55.	U
86-74-8	Carbazole	ND	180	17.	U
123-91-1	1,4-Dioxane	ND	27	8.2	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-01	**Date Collected**	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 16:18
Sample Matrix	: SOIL	**Date Extracted**	: 07/14/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 29855-01	**Analyst**	: RC
Sample Amount	: 30.63 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	31.	U	
88-74-4	2-Nitroaniline	ND	170	33.	U	
99-09-2	3-Nitroaniline	ND	170	32.	U	
100-01-6	4-Nitroaniline	ND	170	71.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	200	21.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U	
98-86-2	Acetophenone	ND	170	21.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U	
59-50-7	p-Chloro-m-cresol	ND	170	26.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	150	28.	U	
105-67-9	2,4-Dimethylphenol	ND	170	57.	U	
88-75-5	2-Nitrophenol	ND	370	64.	U	
100-02-7	4-Nitrophenol	ND	240	70.	U	
51-28-5	2,4-Dinitrophenol	ND	820	80.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	82.	U	
87-86-5	Pentachlorophenol	ND	140	38.	U	
108-95-2	Phenol	ND	170	26.	U	
95-48-7	2-Methylphenol	ND	170	27.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 16:43
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-02	Analyst	: RC
Sample Amount	: 30.16 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-02	**Date Collected**	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 16:43
Sample Matrix	: SOIL	**Date Extracted**	: 07/14/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 29855-02	**Analyst**	: RC
Sample Amount	: 30.16 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:08
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-04	Analyst	: RC
Sample Amount	: 30.06 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	190	22.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
95-50-1	1,2-Dichlorobenzene	ND	190	34.	U
541-73-1	1,3-Dichlorobenzene	ND	190	33.	U
106-46-7	1,4-Dichlorobenzene	ND	190	34.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	150	23.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	ND	120	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	45.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	190	35.	U	
88-74-4	2-Nitroaniline	ND	190	37.	U	
99-09-2	3-Nitroaniline	ND	190	36.	U	
100-01-6	4-Nitroaniline	ND	190	80.	U	
132-64-9	Dibenzofuran	ND	190	18.	U	
91-57-6	2-Methylnaphthalene	ND	230	23.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U	
98-86-2	Acetophenone	ND	190	24.	U	
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U	
59-50-7	p-Chloro-m-cresol	ND	190	29.	U	
95-57-8	2-Chlorophenol	ND	190	23.	U	
120-83-2	2,4-Dichlorophenol	ND	170	31.	U	
105-67-9	2,4-Dimethylphenol	ND	190	63.	U	
88-75-5	2-Nitrophenol	ND	420	72.	U	
100-02-7	4-Nitrophenol	ND	270	78.	U	
51-28-5	2,4-Dinitrophenol	ND	920	90.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U	
87-86-5	Pentachlorophenol	ND	150	42.	U	
108-95-2	Phenol	ND	190	29.	U	
95-48-7	2-Methylphenol	ND	190	30.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U	
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	620	190	U
100-51-6	Benzyl Alcohol	ND	190	59.	U
86-74-8	Carbazole	ND	190	19.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 17:33
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-05	Analyst	: RC
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	170	16.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	29.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	44.	U
121-14-2	2,4-Dinitrotoluene	ND	170	33.	U
606-20-2	2,6-Dinitrotoluene	ND	170	28.	U
206-44-0	Fluoranthene	760	100	19.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	23	170	20.	J
98-95-3	Nitrobenzene	ND	150	25.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	130	19.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	85	170	58.	J	170U
85-68-7	Butyl benzyl phthalate	ND	170	42.	U	
84-74-2	Di-n-butylphthalate	ND	170	32.	U	
117-84-0	Di-n-octylphthalate	ND	170	57.	U	
84-66-2	Diethyl phthalate	ND	170	15.	U	
131-11-3	Dimethyl phthalate	ND	170	35.	U	
56-55-3	Benzo(a)anthracene	560	100	19.		
50-32-8	Benzo(a)pyrene	790	130	41.		
205-99-2	Benzo(b)fluoranthene	950	100	28.		
207-08-9	Benzo(k)fluoranthene	310	100	27.		
218-01-9	Chrysene	600	100	17.		
208-96-8	Acenaphthylene	97	130	26.	J	
120-12-7	Anthracene	67	100	32.	J	
191-24-2	Benzo(ghi)perylene	520	130	20.		
86-73-7	Fluorene	ND	170	16.	U	
85-01-8	Phenanthrene	150	100	20.		
53-70-3	Dibenzo(a,h)anthracene	120	100	19.		
193-39-5	Indeno(1,2,3-cd)pyrene	550	130	23.		
129-00-0	Pyrene	850	100	16.		
92-52-4	Biphenyl	ND	380	39.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	30.	U	
88-74-4	2-Nitroaniline	ND	170	32.	U	
99-09-2	3-Nitroaniline	ND	170	31.	U	
100-01-6	4-Nitroaniline	ND	170	69.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	200	20.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	17.	U	
98-86-2	Acetophenone	ND	170	21.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U	
59-50-7	p-Chloro-m-cresol	ND	170	25.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	150	27.	U	
105-67-9	2,4-Dimethylphenol	ND	170	55.	U	
88-75-5	2-Nitrophenol	ND	360	63.	U	
100-02-7	4-Nitrophenol	ND	230	68.	U	
51-28-5	2,4-Dinitrophenol	ND	800	78.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U	
87-86-5	Pentachlorophenol	ND	130	37.	U	
108-95-2	Phenol	ND	170	25.	U	
95-48-7	2-Methylphenol	ND	170	26.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	540	170	U
100-51-6	Benzyl Alcohol	ND	170	51.	U
86-74-8	Carbazole	26	170	16.	J
123-91-1	1,4-Dioxane	ND	25	7.7	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:49
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-07	Analyst	: RC
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 12

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.20	134	J
	Unknown	2.61	140	J
000127-18-4	Tetrachloroethylene	2.73	12700	NJ
	Unknown	9.86	152	J
	Unknown	11.59	136	J
	Unknown PAH	13.57	209	J
	Unknown PAH	13.82	581	J
	Unknown PAH	15.44	225	J
	Unknown PAH	15.77	160	J
	Unknown PAH	17.61	160	J
	Unknown PAH	18.13	175	J
	Total TIC Compounds		14800J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	40.	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	170	32.	U	
88-74-4	2-Nitroaniline	ND	170	34.	U	
99-09-2	3-Nitroaniline	ND	170	33.	U	
100-01-6	4-Nitroaniline	ND	170	72.	U	
132-64-9	Dibenzofuran	ND	170	16.	U	
91-57-6	2-Methylnaphthalene	ND	210	21.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U	
98-86-2	Acetophenone	ND	170	22.	U	
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U	
59-50-7	p-Chloro-m-cresol	ND	170	26.	U	
95-57-8	2-Chlorophenol	ND	170	20.	U	
120-83-2	2,4-Dichlorophenol	ND	160	28.	U	
105-67-9	2,4-Dimethylphenol	ND	170	57.	U	
88-75-5	2-Nitrophenol	ND	380	65.	U	
100-02-7	4-Nitrophenol	ND	240	71.	U	
51-28-5	2,4-Dinitrophenol	ND	830	81.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U	
87-86-5	Pentachlorophenol	ND	140	38.	U	
108-95-2	Phenol	ND	170	26.	U	
95-48-7	2-Methylphenol	ND	170	27.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U	
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U
123-91-1	1,4-Dioxane	ND	26	8.0	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:23
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-08	Analyst	: RC
Sample Amount	: 30.58 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	0.84	5.0	0.38	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 6

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.38	140	J
	Aldol Condensates	1.82	309	J
	Unknown Alcohol	2.86	21.4	J
	Unknown	12.91	1.93	J
	Unknown	13.78	2.04	J
	Total TIC Compounds		474J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/14/19 01:55
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 29855-12	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1258945-1	Date Collected	: NA
Client ID	: WG1258945-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/19 12:00
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 258945-1	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 20:23
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191913	Analyst	: MA
Sample Amount	: 5.505 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.96	2.03	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 21:34
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191916	Analyst	: MA
Sample Amount	: 5.693 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.27	1.85	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 21:58
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191917	Analyst	: MA
Sample Amount	: 5.389 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	7.72	1.97	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 22:21
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191918	Analyst	: MA
Sample Amount	: 5.789 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	26.5	8.08	2.06	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 22:43
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191919	Analyst	: MA
Sample Amount	: 5.88 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	6.86	1.75	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 23:06
Sample Matrix	: SOIL	Date Extracted	: 07/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207191920	Analyst	: MA
Sample Amount	: 5.958 g	Instrument ID	: PAH22
Extraction Method	: EPA 3570	GC Column	: RTX-5
Extract Volume	: 4000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	5.68	7.14	1.82	J

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 21:44
Sample Matrix	: WATER	Date Extracted	: 07/10/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F2207111940	Analyst	: MA
Sample Amount	: 270 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 23:03
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-39	Analyst	: WR
Sample Amount	: 15.61 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.1	3.12	U
11104-28-2	Aroclor 1221	ND	35.1	3.52	U
11141-16-5	Aroclor 1232	ND	35.1	7.44	U
53469-21-9	Aroclor 1242	ND	35.1	4.73	U
12672-29-6	Aroclor 1248	ND	35.1	5.26	U
11097-69-1	Aroclor 1254	ND	35.1	3.84	U
11096-82-5	Aroclor 1260	ND	35.1	6.48	U
37324-23-5	Aroclor 1262	ND	35.1	4.46	U
11100-14-4	Aroclor 1268	ND	35.1	3.63	U
1336-36-3	PCBs, Total	ND	35.1	3.12	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:40
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-52	Analyst	: WR
Sample Amount	: 15.78 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.29	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	ND	32.8	4.92	U
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
37324-23-5	Aroclor 1262	ND	32.8	4.16	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U
1336-36-3	PCBs, Total	ND	32.8	2.91	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:52
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-53	Analyst	: WR
Sample Amount	: 15.54 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.4	2.97	U
11104-28-2	Aroclor 1221	ND	33.4	3.35	U
11141-16-5	Aroclor 1232	ND	33.4	7.09	U
53469-21-9	Aroclor 1242	ND	33.4	4.51	U
12672-29-6	Aroclor 1248	ND	33.4	5.02	U
11097-69-1	Aroclor 1254	ND	33.4	3.66	U
11096-82-5	Aroclor 1260	ND	33.4	6.18	U
37324-23-5	Aroclor 1262	ND	33.4	4.25	U
11100-14-4	Aroclor 1268	ND	33.4	3.46	U
1336-36-3	PCBs, Total	ND	33.4	2.97	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:24
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-54	Analyst	: WR
Sample Amount	: 15.29 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	38.2	3.40	U
11104-28-2	Aroclor 1221	ND	38.2	3.83	U
11141-16-5	Aroclor 1232	ND	38.2	8.11	U
53469-21-9	Aroclor 1242	ND	38.2	5.16	U
12672-29-6	Aroclor 1248	ND	38.2	5.74	U
11097-69-1	Aroclor 1254	ND	38.2	4.18	U
11096-82-5	Aroclor 1260	ND	38.2	7.07	U
37324-23-5	Aroclor 1262	ND	38.2	4.86	U
11100-14-4	Aroclor 1268	ND	38.2	3.96	U
1336-36-3	PCBs, Total	ND	38.2	3.40	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:36
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-55	Analyst	: WR
Sample Amount	: 15.38 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.29	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	ND	32.8	4.92	U
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
37324-23-5	Aroclor 1262	ND	32.8	4.17	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:36
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-55	Analyst	: WR
Sample Amount	: 15.38 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
1336-36-3	PCBs, Total	ND	32.8	2.91	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 02:48
Sample Matrix	: SOIL	Date Extracted	: 07/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16190715a-56	Analyst	: WR
Sample Amount	: 15.16 g	Instrument ID	: PEST16
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.1	3.12	U
11104-28-2	Aroclor 1221	ND	35.1	3.52	U
11141-16-5	Aroclor 1232	ND	35.1	7.44	U
53469-21-9	Aroclor 1242	ND	35.1	4.73	U
12672-29-6	Aroclor 1248	ND	35.1	5.26	U
11097-69-1	Aroclor 1254	ND	35.1	3.84	U
11096-82-5	Aroclor 1260	ND	35.1	6.48	U
37324-23-5	Aroclor 1262	ND	35.1	4.46	U
11100-14-4	Aroclor 1268	ND	35.1	3.63	U
1336-36-3	PCBs, Total	ND	35.1	3.12	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/13/19 12:14
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190713a-09	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:57
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-18	Analyst	: BM
Sample Amount	: 15.13 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.74	0.340	U
58-89-9	Lindane	ND	0.724	0.324	U
319-84-6	Alpha-BHC	ND	0.724	0.206	U
319-85-7	Beta-BHC	ND	1.74	0.659	U
76-44-8	Heptachlor	ND	0.869	0.389	U
309-00-2	Aldrin	ND	1.74	0.612	U
1024-57-3	Heptachlor epoxide	ND	3.26	0.977	U
72-20-8	Endrin	ND	0.724	0.297	U
7421-93-4	Endrin aldehyde	ND	2.17	0.760	U
53494-70-5	Endrin ketone	ND	1.74	0.447	U
60-57-1	Dieldrin	ND	1.08	0.543	U
72-55-9	4,4'-DDE	ND	1.74	0.402	U
72-54-8	4,4'-DDD	ND	1.74	0.620	U
50-29-3	4,4'-DDT	ND	3.26	1.40	U
959-98-8	Endosulfan I	ND	1.74	0.410	U
33213-65-9	Endosulfan II	ND	1.74	0.580	U
1031-07-8	Endosulfan sulfate	ND	0.724	0.344	U
72-43-5	Methoxychlor	ND	3.26	1.01	U UJ
8001-35-2	Toxaphene	ND	32.6	9.12	U
5103-71-9	cis-Chlordane	ND	2.17	0.605	U
5103-74-2	trans-Chlordane	ND	2.17	0.573	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 01:57
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-18	Analyst	: BM
Sample Amount	: 15.13 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.1	5.76	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:00
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-09	Analyst	: BM
Sample Amount	: 15.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.311	U
58-89-9	Lindane	ND	0.662	0.296	U
319-84-6	Alpha-BHC	ND	0.662	0.188	U
319-85-7	Beta-BHC	ND	1.59	0.603	U
76-44-8	Heptachlor	ND	0.795	0.356	U
309-00-2	Aldrin	ND	1.59	0.560	U
1024-57-3	Heptachlor epoxide	ND	2.98	0.894	U
72-20-8	Endrin	ND	0.662	0.272	U
7421-93-4	Endrin aldehyde	ND	1.99	0.695	U
53494-70-5	Endrin ketone	ND	1.59	0.409	U
60-57-1	Dieldrin	ND	0.993	0.497	U
72-55-9	4,4'-DDE	ND	1.59	0.368	U
72-54-8	4,4'-DDD	ND	1.59	0.567	U
50-29-3	4,4'-DDT	ND	2.98	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.376	U
33213-65-9	Endosulfan II	ND	1.59	0.531	U
1031-07-8	Endosulfan sulfate	ND	0.662	0.315	U
72-43-5	Methoxychlor	ND	2.98	0.927	U UJ
8001-35-2	Toxaphene	ND	29.8	8.34	U
5103-71-9	cis-Chlordane	ND	1.99	0.554	U
5103-74-2	trans-Chlordane	ND	1.99	0.524	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:00
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-09	Analyst	: BM
Sample Amount	: 15.63 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	12.9	5.26	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:13
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-10	Analyst	: BM
Sample Amount	: 15.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.59	0.312	U
58-89-9	Lindane	ND	0.664	0.297	U
319-84-6	Alpha-BHC	ND	0.664	0.189	U
319-85-7	Beta-BHC	ND	1.59	0.604	U
76-44-8	Heptachlor	ND	0.797	0.357	U
309-00-2	Aldrin	ND	1.59	0.561	U
1024-57-3	Heptachlor epoxide	ND	2.99	0.897	U
72-20-8	Endrin	ND	0.664	0.272	U
7421-93-4	Endrin aldehyde	ND	1.99	0.697	U
53494-70-5	Endrin ketone	ND	1.59	0.410	U
60-57-1	Dieldrin	ND	0.996	0.498	U
72-55-9	4,4'-DDE	ND	1.59	0.369	U
72-54-8	4,4'-DDD	ND	1.59	0.568	U
50-29-3	4,4'-DDT	ND	2.99	1.28	U
959-98-8	Endosulfan I	ND	1.59	0.377	U
33213-65-9	Endosulfan II	ND	1.59	0.533	U
1031-07-8	Endosulfan sulfate	ND	0.664	0.316	U
72-43-5	Methoxychlor	ND	2.99	0.930	U UJ
8001-35-2	Toxaphene	ND	29.9	8.37	U
5103-71-9	cis-Chlordane	ND	1.99	0.555	U
5103-74-2	trans-Chlordane	ND	1.99	0.526	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:13
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-10	Analyst	: BM
Sample Amount	: 15.65 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.0	5.28	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:26
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-11	Analyst	: BM
Sample Amount	: 15.47 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.81	0.355	U
58-89-9	Lindane	ND	0.756	0.338	U
319-84-6	Alpha-BHC	ND	0.756	0.215	U
319-85-7	Beta-BHC	ND	1.81	0.688	U
76-44-8	Heptachlor	ND	0.907	0.407	U
309-00-2	Aldrin	ND	1.81	0.639	U
1024-57-3	Heptachlor epoxide	ND	3.40	1.02	U
72-20-8	Endrin	ND	0.756	0.310	U
7421-93-4	Endrin aldehyde	ND	2.27	0.794	U
53494-70-5	Endrin ketone	ND	1.81	0.467	U
60-57-1	Dieldrin	ND	1.13	0.567	U
72-55-9	4,4'-DDE	ND	1.81	0.420	U
72-54-8	4,4'-DDD	ND	1.81	0.647	U
50-29-3	4,4'-DDT	ND	3.40	1.46	U
959-98-8	Endosulfan I	ND	1.81	0.429	U
33213-65-9	Endosulfan II	ND	1.81	0.606	U
1031-07-8	Endosulfan sulfate	ND	0.756	0.360	U
72-43-5	Methoxychlor	ND	3.40	1.06	U UJ
8001-35-2	Toxaphene	ND	34.0	9.53	U
5103-71-9	cis-Chlordane	ND	2.27	0.632	U
5103-74-2	trans-Chlordane	ND	2.27	0.599	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:26
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-11	Analyst	: BM
Sample Amount	: 15.47 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	14.7	6.01	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:39
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-12	Analyst	: BM
Sample Amount	: 15.02 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.61	0.316	U
58-89-9	Lindane	ND	0.672	0.300	U
319-84-6	Alpha-BHC	ND	0.672	0.191	U
319-85-7	Beta-BHC	ND	1.61	0.611	U
76-44-8	Heptachlor	ND	0.806	0.361	U
309-00-2	Aldrin	ND	1.61	0.568	U
1024-57-3	Heptachlor epoxide	ND	3.02	0.907	U
72-20-8	Endrin	ND	0.672	0.275	U
7421-93-4	Endrin aldehyde	ND	2.02	0.705	U
53494-70-5	Endrin ketone	ND	1.61	0.415	U
60-57-1	Dieldrin	ND	1.01	0.504	U
72-55-9	4,4'-DDE	17.7	1.61	0.373	IP
72-54-8	4,4'-DDD	ND	1.61	0.575	U
959-98-8	Endosulfan I	ND	1.61	0.381	U
33213-65-9	Endosulfan II	ND	1.61	0.539	U
1031-07-8	Endosulfan sulfate	ND	0.672	0.320	U
72-43-5	Methoxychlor	ND	3.02	0.940	U UJ
8001-35-2	Toxaphene	ND	30.2	8.46	U
5103-71-9	cis-Chlordane	ND	2.02	0.562	U
5103-74-2	trans-Chlordane	ND	2.02	0.532	U
57-74-9	Chlordane	ND	13.1	5.34	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:39
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-12	Analyst	: BM
Sample Amount	: 15.02 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 99
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
50-29-3	4,4'-DDT	38.5	3.02	1.30	

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Results Summary
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Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-13	Analyst	: BM
Sample Amount	: 15.62 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.63	0.320	U	
58-89-9	Lindane	ND	0.681	0.304	U	
319-84-6	Alpha-BHC	ND	0.681	0.193	U	
319-85-7	Beta-BHC	ND	1.63	0.620	U	
76-44-8	Heptachlor	ND	0.817	0.366	U	
309-00-2	Aldrin	ND	1.63	0.576	U	
1024-57-3	Heptachlor epoxide	ND	3.06	0.919	U	
72-20-8	Endrin	ND	0.681	0.279	U	
7421-93-4	Endrin aldehyde	ND	2.04	0.715	U	
53494-70-5	Endrin ketone	ND	1.63	0.421	U	
60-57-1	Dieldrin	ND	1.02	0.511	U	
72-55-9	4,4'-DDE	ND	1.63	0.378	U	
72-54-8	4,4'-DDD	ND	1.63	0.583	U	
50-29-3	4,4'-DDT	ND	3.06	1.31	U	
959-98-8	Endosulfan I	ND	1.63	0.386	U	
33213-65-9	Endosulfan II	ND	1.63	0.546	U	
1031-07-8	Endosulfan sulfate	ND	0.681	0.324	U	
72-43-5	Methoxychlor	ND	3.06	0.953	U	UJ
8001-35-2	Toxaphene	ND	30.6	8.58	U	
5103-71-9	cis-Chlordane	ND	2.04	0.569	U	
5103-74-2	trans-Chlordane	ND	2.04	0.539	U	

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 00:52
Sample Matrix	: SOIL	Date Extracted	: 07/13/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190716b-13	Analyst	: BM
Sample Amount	: 15.62 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	13.3	5.41	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:59
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190716a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 11:59
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190716a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 20:37
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.265g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5630	8.66	2.34	
7440-36-0	Antimony, Total	0.848	4.33	0.329	J
7440-38-2	Arsenic, Total	2.26	0.866	0.180	
7440-39-3	Barium, Total	32.9	0.866	0.151	
7440-41-7	Beryllium, Total	0.251	0.433	0.029	J
7440-43-9	Cadmium, Total	0.372	0.866	0.085	J
7440-70-2	Calcium, Total	35500	8.66	3.03	
7440-47-3	Chromium, Total	13.8	0.866	0.083	
7440-48-4	Cobalt, Total	4.55	1.73	0.144	
7440-50-8	Copper, Total	11.5	0.866	0.223	
7439-89-6	Iron, Total	8910	4.33	0.782	
7439-92-1	Lead, Total	12.6	4.33	0.232	
7439-95-4	Magnesium, Total	3160	8.66	1.33	
7439-96-5	Manganese, Total	186	0.866	0.138	
7440-02-0	Nickel, Total	9.84	2.16	0.210	
7440-09-7	Potassium, Total	768	216	12.5	
7782-49-2	Selenium, Total	0.234	1.73	0.223	J
7440-22-4	Silver, Total	0.485	0.866	0.245	J
7440-23-5	Sodium, Total	384	173	2.73	
7440-28-0	Thallium, Total	ND	1.73	0.273	U
7440-62-2	Vanadium, Total	13.6	0.866	0.176	
7440-66-6	Zinc, Total	27.1	4.33	0.254	

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Form 1
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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:55
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.252g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6550	8.27	2.23	
7440-36-0	Antimony, Total	0.422	4.13	0.314	J
7440-38-2	Arsenic, Total	0.546	0.827	0.172	J
7440-39-3	Barium, Total	45.9	0.827	0.144	
7440-41-7	Beryllium, Total	0.207	0.413	0.027	J
7440-43-9	Cadmium, Total	0.306	0.827	0.081	J
7440-70-2	Calcium, Total	1360	8.27	2.89	
7440-47-3	Chromium, Total	19.0	0.827	0.079	
7440-48-4	Cobalt, Total	7.07	1.65	0.137	
7440-50-8	Copper, Total	16.3	0.827	0.213	
7439-89-6	Iron, Total	10900	4.13	0.747	
7439-92-1	Lead, Total	2.78	4.13	0.222	J
7439-95-4	Magnesium, Total	3560	8.27	1.27	
7439-96-5	Manganese, Total	244	0.827	0.131	
7440-02-0	Nickel, Total	12.0	2.07	0.200	
7440-09-7	Potassium, Total	1550	207	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.827	0.234	U
7440-23-5	Sodium, Total	82.0	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	24.2	0.827	0.168	
7440-66-6	Zinc, Total	28.2	4.13	0.242	

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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 21:59
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.291g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5410	8.05	2.17	
7440-36-0	Antimony, Total	ND	4.02	0.306	U
7440-38-2	Arsenic, Total	0.539	0.805	0.167	J
7440-39-3	Barium, Total	26.6	0.805	0.140	
7440-41-7	Beryllium, Total	0.153	0.402	0.027	J
7440-43-9	Cadmium, Total	0.242	0.805	0.079	J
7440-70-2	Calcium, Total	1120	8.05	2.82	
7440-47-3	Chromium, Total	14.3	0.805	0.077	
7440-48-4	Cobalt, Total	5.43	1.61	0.134	
7440-50-8	Copper, Total	12.1	0.805	0.208	
7439-89-6	Iron, Total	8440	4.02	0.727	
7439-92-1	Lead, Total	2.26	4.02	0.216	J
7439-95-4	Magnesium, Total	3020	8.05	1.24	
7439-96-5	Manganese, Total	211	0.805	0.128	
7440-02-0	Nickel, Total	11.2	2.01	0.195	
7440-09-7	Potassium, Total	1220	201	11.6	
7782-49-2	Selenium, Total	ND	1.61	0.208	U
7440-22-4	Silver, Total	ND	0.805	0.228	U
7440-23-5	Sodium, Total	60.8	161	2.54	J
7440-28-0	Thallium, Total	ND	1.61	0.254	U
7440-62-2	Vanadium, Total	18.6	0.805	0.163	
7440-66-6	Zinc, Total	20.6	4.02	0.236	

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Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:04
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.298g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	7610	9.01	2.43	
7440-36-0	Antimony, Total	0.631	4.50	0.342	J
7440-38-2	Arsenic, Total	0.658	0.901	0.187	J
7440-39-3	Barium, Total	55.8	0.901	0.157	
7440-41-7	Beryllium, Total	0.279	0.450	0.030	J
7440-43-9	Cadmium, Total	0.432	0.901	0.088	J
7440-70-2	Calcium, Total	1130	9.01	3.15	
7440-47-3	Chromium, Total	17.9	0.901	0.087	
7440-48-4	Cobalt, Total	11.0	1.80	0.150	
7440-50-8	Copper, Total	26.5	0.901	0.232	
7439-89-6	Iron, Total	15000	4.50	0.814	
7439-92-1	Lead, Total	3.97	4.50	0.241	J
7439-95-4	Magnesium, Total	4080	9.01	1.39	
7439-96-5	Manganese, Total	428	0.901	0.143	
7440-02-0	Nickel, Total	15.6	2.25	0.218	
7440-09-7	Potassium, Total	2210	225	13.0	
7782-49-2	Selenium, Total	ND	1.80	0.232	U
7440-22-4	Silver, Total	ND	0.901	0.255	U
7440-23-5	Sodium, Total	56.2	180	2.84	J
7440-28-0	Thallium, Total	ND	1.80	0.284	U
7440-62-2	Vanadium, Total	28.1	0.901	0.183	
7440-66-6	Zinc, Total	40.5	4.50	0.264	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.261g	%Solids	: 99
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6320	8.00	2.16	
7440-36-0	Antimony, Total	0.704	4.00	0.304	J
7440-38-2	Arsenic, Total	0.704	0.800	0.166	J
7440-39-3	Barium, Total	51.0	0.800	0.139	
7440-41-7	Beryllium, Total	0.232	0.400	0.026	J
7440-43-9	Cadmium, Total	0.536	0.800	0.078	J
7440-70-2	Calcium, Total	1770	8.00	2.80	
7440-47-3	Chromium, Total	21.2	0.800	0.077	
7440-48-4	Cobalt, Total	17.1	1.60	0.133	
7440-50-8	Copper, Total	48.4	0.800	0.206	
7439-89-6	Iron, Total	18100	4.00	0.723	
7439-92-1	Lead, Total	5.93	4.00	0.214	
7439-95-4	Magnesium, Total	3430	8.00	1.23	
7439-96-5	Manganese, Total	305	0.800	0.127	
7440-02-0	Nickel, Total	22.0	2.00	0.194	
7440-09-7	Potassium, Total	2200	200	11.5	
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.800	0.226	U
7440-23-5	Sodium, Total	61.6	160	2.52	J
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	31.7	0.800	0.162	
7440-66-6	Zinc, Total	43.9	4.00	0.234	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 22:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: 071519.txt_icap.txt	Instrument ID	: TRACE6
Sample Amount	: 1.286g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 07/12/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4900	8.27	2.23	
7440-36-0	Antimony, Total	0.604	4.14	0.314	J
7440-38-2	Arsenic, Total	1.20	0.827	0.172	
7440-39-3	Barium, Total	77.4	0.827	0.144	
7440-41-7	Beryllium, Total	0.132	0.414	0.027	J
7440-43-9	Cadmium, Total	0.323	0.827	0.081	J
7440-70-2	Calcium, Total	12000	8.27	2.90	
7440-47-3	Chromium, Total	18.2	0.827	0.079	
7440-48-4	Cobalt, Total	8.80	1.65	0.137	
7440-50-8	Copper, Total	29.5	0.827	0.213	
7439-89-6	Iron, Total	11000	4.14	0.747	
7439-92-1	Lead, Total	4.17	4.14	0.222	
7439-95-4	Magnesium, Total	7770	8.27	1.27	
7439-96-5	Manganese, Total	165	0.827	0.132	
7440-02-0	Nickel, Total	24.1	2.07	0.200	
7440-09-7	Potassium, Total	2480	207	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.827	0.234	U
7440-23-5	Sodium, Total	79.4	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	26.6	0.827	0.168	
7440-66-6	Zinc, Total	41.3	4.14	0.242	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 10:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1260309.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00059	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00055	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	0.00017	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00039	0.00050	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00838	0.01000	0.00341	J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 18:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1259918.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.069	0.045	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.394g	%Solids	: 97
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.066	0.043	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.399g	%Solids	: 96
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.065	0.043	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.397g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.074	0.048	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.398g	%Solids	: 99
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.063	0.041	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: GD
Lab File ID	: HG071619ACOPY	Instrument ID	: FIMS4
Sample Amount	: 0.398g	%Solids	: 94
Digestion Method	: EPA 7471B	Date Digested	: 07/13/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.067	0.044	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 07/10/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0138g	%Solids	: 91
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.1	0.23	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.03g	%Solids	: 97
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0066g	%Solids	: 96
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0342g	%Solids	: 86
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	1.1	0.24	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0479g	%Solids	: 99
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.96	0.20	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 13:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-11-2019_11-26-26AM	Instrument ID	: LACHAT
Sample Amount	: 1.0851g	%Solids	: 94
Digestion Method	:	Date Digested	: 07/10/19

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
57-12-5	Cyanide, Total	ND	0.98	0.21	U	UJ

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-12	Date Collected	: 07/09/19 06:50
Client ID	: FIELD BLANK-EQ-8	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 05:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: MAC
Lab File ID	: WG1257902.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 07/10/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5373g	%Solids	: 91
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	1.83	0.876	0.175	

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5389g	%Solids	: 97
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.828	0.166	U

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Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1929855
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1929855-04	**Date Collected**	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	**Date Received**	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/11/19 09:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1258329.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.5039g	**%Solids**	: 96
Digestion Method	: EPA 3060A	**Date Digested**	: 07/10/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.177	0.832	0.166	J

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4966g	%Solids	: 86
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.936	0.187	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.4996g	%Solids	: 99
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	0.282	0.807	0.161	J

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/11/19 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: NH/AJ
Lab File ID	: WG1258329.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 2.5127g	%Solids	: 94
Digestion Method	: EPA 3060A	Date Digested	: 07/10/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.851	0.170	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-01	Date Collected	: 07/09/19 07:15
Client ID	: SB-19 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 91
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results (%)	RL (%)	MDL (%)	Qualifier
NONE	Solids, Total	91.3	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-02	Date Collected	: 07/09/19 07:36
Client ID	: SB-19 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 97
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	96.6	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-03	Date Collected	: 07/09/19 08:00
Client ID	: SB-19 (22-22.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	84.3	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-04	Date Collected	: 07/09/19 09:00
Client ID	: SB-20 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 96
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	96.2	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-05	Date Collected	: 07/09/19 09:20
Client ID	: SB-20 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	85.5	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-06	Date Collected	: 07/09/19 10:15
Client ID	: SB-20 (26-26.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	79.8	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-07	Date Collected	: 07/09/19 10:55
Client ID	: SB-21 (0-2)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 99
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	99.1	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-08	Date Collected	: 07/09/19 11:10
Client ID	: SB-21 (9.5-10)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 94
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	94.0	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-09	Date Collected	: 07/09/19 11:15
Client ID	: SB-21 (13.5-14)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	87.5	0.100	NA	

DLM 8/17/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1929855
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1929855-10	Date Collected	: 07/09/19 11:40
Client ID	: SB-21 (19-19.5)	Date Received	: 07/09/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/10/19 13:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RI
Lab File ID	: WG1258066.pdf	Instrument ID	: BALANCE#47
Sample Amount	:	%Solids	: 85
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	84.7	0.100	NA	

DLM 8/17/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission
July 22, 2019: This final report includes the results of all requested analyses.
July 17, 2019: This is a preliminary report.

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

Sample Receipt
L1929855-11: A sample identified as "TRIP BLANK" was listed on the Chain of Custody, but not received. This was verified by the client.

Volatile Organics
L1929855-10 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Total Metals
L1929855-01, -02, -04, -05, -07 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
L1929855-12: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.
The WG1259940-1 Method Blank, associated with L1929855-12, has a concentration above the reporting limit for thallium. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.
The WG1259338-7/-8 MS/MSD recoveries for aluminum (136%/370%), calcium (1050%/1400%), iron (0%/0%) and manganese (0%/39%), performed on L1929855-01, do not apply because the sample concentrations are

Case Narrative (continued)

greater than four times the spike amounts added.

Cyanide, Total

The WG1258032-3 LCSD recovery (79%), associated with L1929855-01, -02, -04, -05, -07, and -08, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 07/22/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

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 3

Date Rec'd in Lab: 7/10/19

ALPHA Job #: L1929855

Client Information
Client: Impact
Address: 170 Keyland ct
Bohemia
Phone:
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project # 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

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

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:

* Sample SB-19 (0-2) MS/MSD*

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 VOC's +TICs	TCL SVOC's +TICs	TCL Pesticides+PCB	TAL metals +	Cyanide+Hexchromium	1,4 Dioxane			Sample Specific Comments	Total Bottle
29855-01	SB-19 (0-2)	7/9	7:15	S	LR	X	X	X	X	X	X				
-02	SB-19 (9.5-10)	7/9	7:36	S	LR	X	X	X	X	X	X				
-03	SB-19 (22-22.5)	7/9	8:00	S	LR	X									
-04	SB-20 (0-2)	7/9	9:00	S	LR	X	X	X	X	X	X				
-05	SB-20 (9.5-10)	7/9	9:20	S	LR	X	X	X	X	X	X				
-06	SB-20 (26-26.5)	7/9	10:15	S	LR	X									
-07	SB-21 (0-2)	7/9	10:55	S	LR	X	X	X	X	X	X				
-08	SB-21 (9.5-10)	7/9	11:10	S	LR	X	X	X	X	X	X				
-09	SB-21 (13.5-14)	7/9	11:15	S	LR	X									
10	SB-21 (19-19.5)	7/9	11:40	S	LR	X									

Container Type
Preservative

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
	7/9 1500		7/9/19 1530
	7/9/19 2010		7/9 2300
	7/10		7/10/19 0215

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)

NEW JERSEY 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 2 of 3

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: Impact
Address: 170 Keyland Ct.
170 Bohemia
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: 31st Drive
Project Location: I-35 31st Drive
Project # 11545
(Use Project name as Project #) ☐
Project Manager: Julie
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other ~~Red~~ category B

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's + TICs	TCL SVOC's + TICs	TCL Pesticides + PCB	TAL Metals	Cyanide + Hexchromium	1,4 Dioxane			Total Bottle
-11	Trip Blank	7/5	—	L	LR	X	X	X	X	X	X			
-12	Field Blank-EQ-5	7/5	650	L	LR	X	X	X	X	X	X			

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

Sample Specific Comments

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

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

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

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	7/9/19 1500		7/9/19 1530
	7/9/19 2010		
			7/10/19 03:45

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31ST DRIVE

SOIL AND WATER SAMPLES

VOA, SVOA, PESTICIDE, PCB, METALS, PFAS, METALS, CYANIDE & HEX CHROME
SDG No. L1928076

Sampling Date: June 26, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc. (EOPHC)
Environmental Data Validation Inc. (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31ST DRIVE

SDG #: L1928076

Client: Impact Environmental

Date: August 11, 2019

Laboratory: Alpha Analytical

Reviewer: L. Wright.

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOC SVOC-SIM	Pest/ PCB	PFAS	Metals	Cyanide/ Hex Chrome
FIELD BLANK-EQ-4	L1928076-01	Aqueous	X	X	X	X	X	X
SB-10 (26-26.5)	L1928076-02	Solid	X					
SB-11 (0-2)*	L1928076-03	Solid	X	X	X	X	X	X
SB-11 (9-9.5)*	L1928076-04	Solid	X	X	X	X	X	X
SB-11 (25-25.5)	L1928076-05	Solid	X					
SB-12 (0-2)	L1928076-06	Solid	X	X	X	X	X	X
SB-12 (8.5-9)*	L1928076-07	Solid	X	X	X	X	X	X
SB-12 (25-25.5)	L1928076-08	Solid	X					
TRIP BLANK	L1928076-09	Aqueous	X					

*Analyzed at both low & medium Level (equivalence-SW-846 High)

The data packages contained seven (7) soil samples, (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8260C SIM, 8270D, 8082A, 8081B, 6010D/6020B, 7470A/7471B, 9010C/9012B, and 7196A and USEPA Methods 537 and 537.1. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability have been discussed in applicable sections. Data that have no impact on data usability are not discussed.

Chain of Custody (COC): All samples were present.

Preservation: Preservation was acceptable.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination;

PFAS

Sample ID	Compound	Qualifier
L1928076-03 L1928076-06	Perfluoroundecanoic Acid (PFUnA)	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

VOA

Sample Identification	Compound	Qualifier
L1928076-04, L1928076-05, L1928076-06, L1928076-07, L1928076-08	4-methyl-2-pentanone, 2-butanone, 1,4-dioxane	R
L1928076-04, L1928076-07, L1928076-08	Acetone	J

Laboratory Control Sample (LCS): The following was qualified due to deficiency;

SVOA

Sample Identification	Compound	Qualifier
L1928076-01, L1928076-03 L1928076-04, L1928076-06 L1928076-07	Benzoic Acid	R
L1928076-03, L1928076-04 L1928076-06, L1928076-07	Carbazole, 4-chloroaniline 1,4-Dioxane	R

Cyanide

Sample Identification	Compound	Qualifier
L1928076-01, L1928076-03 L1928076-04, L1928076-06 L1928076-07	Cyanide	UJ

Surrogates: The following were qualified due to deficiency;

VOA

Sample ID	Compound	Qualifier
L1928076-06	1,1,1,2-tetrachloroethane	U
	1,1,1-trichloroethane	U

Sample ID	Compound	Qualifier
	1,1,2,2-tetrachloroethane	U
	1,1,2-trichloroethane	U
	1,1-dichloroethane	U
	1,1-dichloroethene	U
	1,1-dichloropropene	U
	1,2,3-trichlorobenzene	U
	1,2,3-trichloropropane	U
	1,2,4,5-tetramethylbenzene	J
	1,2,4-trichlorobenzene	U
	1,2,4-trimethylbenzene	U
	1,2-dibromo-3-chloropropane	U
	1,2-dibromoethane	U
	1,2-dichlorobenzene	U
	1,2-dichloroethane	U
	1,2-dichloroethene (total)	U
	1,2-dichloropropane	U
	1,3,5-trimethylbenzene	U
	1,3-dichlorobenzene	U
	1,3-dichloropropane	U
	1,3-dichloropropene, total	U
	1,4-dichlorobenzene	U
	2,2-dichloropropane	U
	2-hexanone	U
	Acetone	J
	Acrylonitrile	U
	Benzene	U
	Bromobenzene	U
	Bromochloromethane	U
	Bromodichloromethane	U
	Bromoform	U
	Bromomethane	U
	Carbon disulfide	U
	Carbon tetrachloride	U
	Chlorobenzene	U
	Chloroethane	U
	Chloroform	U
	Chloromethane	U
	Dibromochloromethane	U

Sample ID	Compound	Qualifier
	Dibromomethane	U
	Dichlorodifluoromethane	U
	Ethyl ether	U
	Ethylbenzene	U
	Hexachlorobutadiene	U
	Isopropylbenzene	U
	Methyl tert butyl ether	U
	Methylene chloride	U
	Naphthalene	J
	Styrene	U
	Tetrachloroethene	J
	Toluene	J
	Total tic compounds	J
	Trichloroethene	J
	Trichlorofluoromethane	U

PFAS

Sample Identification	Compound	Qualifier
L1928076-03	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA))	UJ
L1928076-04 L1928076-07	Perfluorooctanesulfonamide (FOSA)	R

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
L1928076-03 L1928076-04 L1928076-06 L1928076-07	Aluminum, calcium, iron, magnesium	J
L1928076-03 L1928076-04 L1928076-06 L1928076-07	Beryllium	UJ
L1928076-03 L1928076-04 L1928076-06	Thallium	UJ
L1928076-07	Thallium	J

Sample Identification	Compound	Qualifier
L1928076-04 L1928076-06	Sodium	J

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J).

Additional Comments: Some Form 1s and case narratives are reporting criteria out of QC limits. If data were impacted due to the deficiency, it is discussed in the DUSR and appropriate qualifier(s) applied. Therefore, all discussions in the DUSR relate to all conditions that affected data usability. Sample results for L1928076-03, L1928076-04, and L1928076-07 are being presented as a hybrid of the original (low) and the reanalysis (high). When there are multiple analyses, the validator presents the best run (Attachment A).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

FORM 1s

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 11:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 11:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.4	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 11:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190701A09	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 11:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 11:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-02	**Date Collected**	: 06/26/19 09:00
Client ID	: SB-10 (26-26.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:08
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A24	**Instrument ID**	: VOA123
Sample Amount	: 5.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	7.6	0.57	0.22	
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.5	0.79	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	0.57	0.18	U
563-58-6	1,1-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.5	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	0.84	1.1	0.62	J
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.5	1.0	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-02	**Date Collected**	: 06/26/19 09:00
Client ID	: SB-10 (26-26.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:08
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A24	**Instrument ID**	: VOA123
Sample Amount	: 5.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.3	0.51	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	0.30	0.57	0.16	J
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.19	U
1634-04-4	Methyl tert butyl ether	0.42	2.3	0.23	J
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.1	0.33	U
1330-20-7	Xylenes, Total	ND	1.1	0.33	U
156-59-2	cis-1,2-Dichloroethene	0.49	1.1	0.20	J
540-59-0	1,2-Dichloroethene, Total	0.49	1.1	0.16	J
74-95-3	Dibromomethane	ND	2.3	0.27	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	19	11	5.4	
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	ND	11	2.5	U
108-05-4	Vinyl acetate	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.3	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.3	0.23	U
594-20-7	2,2-Dichloropropane	ND	2.3	0.23	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-02	**Date Collected**	: 06/26/19 09:00
Client ID	: SB-10 (26-26.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:08
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A24	**Instrument ID**	: VOA123
Sample Amount	: 5.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
142-28-9	1,3-Dichloropropane	ND	2.3	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.57	0.15	U
108-86-1	Bromobenzene	ND	2.3	0.16	U
104-51-8	n-Butylbenzene	ND	1.1	0.19	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.3	0.13	U
95-49-8	o-Chlorotoluene	ND	2.3	0.22	U
106-43-4	p-Chlorotoluene	ND	2.3	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.5	0.19	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.5	0.74	U
107-13-1	Acrylonitrile	ND	4.5	1.3	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.36	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
123-91-1	1,4-Dioxane	ND	91	40.	U
105-05-5	p-Diethylbenzene	ND	2.3	0.20	U
622-96-8	p-Ethyltoluene	ND	2.3	0.44	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.3	0.22	U
60-29-7	Ethyl ether	ND	2.3	0.39	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-02	**Date Collected**	: 06/26/19 09:00
Client ID	: SB-10 (26-26.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:08
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A24	**Instrument ID**	: VOA123
Sample Amount	: 5.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.7	1.6	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-02	**Date Collected**	: 06/26/19 09:00
Client ID	: SB-10 (26-26.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:08
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A24	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 5 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000078-78-4	Butane, 2-methyl-	2.17	4.18	NJ
	Unknown Cycloalkane	3.20	36.8	J
000541-05-9	Cyclotrisiloxane, hexamethyl-	7.89	3.36	NJ
	Unknown Alkane	11.22	3.39	J
	Total TIC Compounds		47.7J	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 17:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V23190629A25	Instrument ID	: VOA123
Sample Amount	: 7.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	3.4	1.6	U
75-34-3	1,1-Dichloroethane	ND	0.69	0.10	U
67-66-3	Chloroform	0.29	1.0	0.10	J
56-23-5	Carbon tetrachloride	ND	0.69	0.16	U
78-87-5	1,2-Dichloropropane	ND	0.69	0.09	U
124-48-1	Dibromochloromethane	ND	0.69	0.10	U
79-00-5	1,1,2-Trichloroethane	ND	0.69	0.18	U
127-18-4	Tetrachloroethene	1200	0.34	0.13	E
108-90-7	Chlorobenzene	ND	0.34	0.09	U
75-69-4	Trichlorofluoromethane	ND	2.7	0.48	U
107-06-2	1,2-Dichloroethane	ND	0.69	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	0.34	0.11	U
75-27-4	Bromodichloromethane	ND	0.34	0.08	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.69	0.19	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.34	0.11	U
542-75-6	1,3-Dichloropropene, Total	ND	0.34	0.11	U
563-58-6	1,1-Dichloropropene	ND	0.34	0.11	U
75-25-2	Bromoform	ND	2.7	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.34	0.11	U
71-43-2	Benzene	ND	0.34	0.11	U
108-88-3	Toluene	ND	0.69	0.37	U
100-41-4	Ethylbenzene	ND	0.69	0.10	U
74-87-3	Chloromethane	ND	2.7	0.64	U
74-83-9	Bromomethane	ND	1.4	0.40	U
75-01-4	Vinyl chloride	ND	0.69	0.23	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:34
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A25	**Instrument ID**	: VOA123
Sample Amount	: 7.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 98
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	1.4	0.31	U
75-35-4	1,1-Dichloroethene	ND	0.69	0.16	U
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.09	U
79-01-6	Trichloroethene	4.3	0.34	0.09	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.10	U
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.10	U
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.12	U
1634-04-4	Methyl tert butyl ether	ND	1.4	0.14	U
179601-23-1	p/m-Xylene	ND	1.4	0.38	U
95-47-6	o-Xylene	ND	0.69	0.20	U
1330-20-7	Xylenes, Total	ND	0.69	0.20	U
156-59-2	cis-1,2-Dichloroethene	2.3	0.69	0.12	
540-59-0	1,2-Dichloroethene, Total	2.3	0.69	0.09	
74-95-3	Dibromomethane	ND	1.4	0.16	U
100-42-5	Styrene	ND	0.69	0.13	U
75-71-8	Dichlorodifluoromethane	ND	6.9	0.63	U
67-64-1	Acetone	ND	6.9	3.3	U
75-15-0	Carbon disulfide	ND	6.9	3.1	U
78-93-3	2-Butanone	ND	6.9	1.5	U
108-05-4	Vinyl acetate	ND	6.9	1.5	U
108-10-1	4-Methyl-2-pentanone	ND	6.9	0.88	U
96-18-4	1,2,3-Trichloropropane	ND	1.4	0.09	U
591-78-6	2-Hexanone	ND	6.9	0.81	U
74-97-5	Bromochloromethane	ND	1.4	0.14	U
594-20-7	2,2-Dichloropropane	ND	1.4	0.14	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 17:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V23190629A25	Instrument ID	: VOA123
Sample Amount	: 7.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.69	0.19	U
142-28-9	1,3-Dichloropropane	ND	1.4	0.11	U
630-20-6	1,1,1,2-Tetrachloroethane	0.38	0.34	0.09	
108-86-1	Bromobenzene	ND	1.4	0.10	U
104-51-8	n-Butylbenzene	ND	0.69	0.11	U
135-98-8	sec-Butylbenzene	ND	0.69	0.10	U
98-06-6	tert-Butylbenzene	ND	1.4	0.08	U
95-49-8	o-Chlorotoluene	ND	1.4	0.13	U
106-43-4	p-Chlorotoluene	ND	1.4	0.07	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.68	U
87-68-3	Hexachlorobutadiene	ND	2.7	0.12	U
98-82-8	Isopropylbenzene	ND	0.69	0.08	U
99-87-6	p-Isopropyltoluene	ND	0.69	0.08	U
91-20-3	Naphthalene	ND	2.7	0.45	U
107-13-1	Acrylonitrile	ND	2.7	0.79	U
103-65-1	n-Propylbenzene	ND	0.69	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.4	0.22	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.4	0.19	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.4	0.13	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.4	0.23	U
123-91-1	1,4-Dioxane	ND	55	24.	U
105-05-5	p-Diethylbenzene	ND	1.4	0.12	U
622-96-8	p-Ethyltoluene	ND	1.4	0.26	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.4	0.13	U
60-29-7	Ethyl ether	ND	1.4	0.23	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 17:34
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V23190629A25	**Instrument ID**	: VOA123
Sample Amount	: 7.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 98
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.4	0.97	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 20:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190701A23	Instrument ID	: VOA111
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	200	92.	U
75-34-3	1,1-Dichloroethane	ND	40	5.8	U
67-66-3	Chloroform	ND	60	5.6	U
56-23-5	Carbon tetrachloride	ND	40	9.3	U
78-87-5	1,2-Dichloropropane	ND	40	5.0	U
124-48-1	Dibromochloromethane	ND	40	5.6	U
79-00-5	1,1,2-Trichloroethane	ND	40	11.	U
127-18-4	Tetrachloroethene	3200	20	7.9	
108-90-7	Chlorobenzene	ND	20	5.1	U
75-69-4	Trichlorofluoromethane	ND	160	28.	U
107-06-2	1,2-Dichloroethane	ND	40	10.	U
71-55-6	1,1,1-Trichloroethane	ND	20	6.7	U
75-27-4	Bromodichloromethane	ND	20	4.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	40	11.	U
10061-01-5	cis-1,3-Dichloropropene	ND	20	6.4	U
542-75-6	1,3-Dichloropropene, Total	ND	20	6.4	U
563-58-6	1,1-Dichloropropene	ND	20	6.4	U
75-25-2	Bromoform	ND	160	9.9	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.7	U
71-43-2	Benzene	ND	20	6.7	U
108-88-3	Toluene	ND	40	22.	U
100-41-4	Ethylbenzene	ND	40	5.7	U
74-87-3	Chloromethane	ND	160	38.	U
74-83-9	Bromomethane	ND	81	23.	U
75-01-4	Vinyl chloride	ND	40	14.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 20:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190701A23	Instrument ID	: VOA111
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	81	18.	U
75-35-4	1,1-Dichloroethene	ND	40	9.6	U
156-60-5	trans-1,2-Dichloroethene	ND	60	5.5	U
79-01-6	Trichloroethene	8.9	20	5.5	J
95-50-1	1,2-Dichlorobenzene	ND	81	5.8	U
541-73-1	1,3-Dichlorobenzene	ND	81	6.0	U
106-46-7	1,4-Dichlorobenzene	ND	81	6.9	U
1634-04-4	Methyl tert butyl ether	ND	81	8.1	U
179601-23-1	p/m-Xylene	ND	81	22.	U
95-47-6	o-Xylene	ND	40	12.	U
1330-20-7	Xylenes, Total	ND	40	12.	U
156-59-2	cis-1,2-Dichloroethene	ND	40	7.0	U
540-59-0	1,2-Dichloroethene, Total	ND	40	5.5	U
74-95-3	Dibromomethane	ND	81	9.6	U
100-42-5	Styrene	ND	40	7.9	U
75-71-8	Dichlorodifluoromethane	ND	400	37.	U
67-64-1	Acetone	ND	400	190	U
75-15-0	Carbon disulfide	ND	400	180	U
78-93-3	2-Butanone	ND	400	89.	U R
108-05-4	Vinyl acetate	ND	400	87.	U
108-10-1	4-Methyl-2-pentanone	ND	400	52.	U R
96-18-4	1,2,3-Trichloropropane	ND	81	5.1	U
591-78-6	2-Hexanone	ND	400	48.	U
74-97-5	Bromochloromethane	ND	81	8.3	U
594-20-7	2,2-Dichloropropane	ND	81	8.1	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 20:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190701A23	Instrument ID	: VOA111
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	40	11.	U
142-28-9	1,3-Dichloropropane	ND	81	6.7	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	20	5.3	U
108-86-1	Bromobenzene	ND	81	5.8	U
104-51-8	n-Butylbenzene	ND	40	6.7	U
135-98-8	sec-Butylbenzene	ND	40	5.9	U
98-06-6	tert-Butylbenzene	ND	81	4.8	U
95-49-8	o-Chlorotoluene	ND	81	7.7	U
106-43-4	p-Chlorotoluene	ND	81	4.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	40.	U
87-68-3	Hexachlorobutadiene	ND	160	6.8	U
98-82-8	Isopropylbenzene	ND	40	4.4	U
99-87-6	p-Isopropyltoluene	ND	40	4.4	U
91-20-3	Naphthalene	ND	160	26.	U
107-13-1	Acrylonitrile	ND	160	46.	U
103-65-1	n-Propylbenzene	ND	40	6.9	U
87-61-6	1,2,3-Trichlorobenzene	ND	81	13.	U
120-82-1	1,2,4-Trichlorobenzene	ND	81	11.	U
108-67-8	1,3,5-Trimethylbenzene	ND	81	7.8	U
95-63-6	1,2,4-Trimethylbenzene	ND	81	13.	U
123-91-1	1,4-Dioxane	ND	3200	1400	U R
105-05-5	p-Diethylbenzene	ND	81	7.1	U
622-96-8	p-Ethyltoluene	ND	81	15.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	81	7.7	U
60-29-7	Ethyl ether	ND	81	14.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 20:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V11190701A23	Instrument ID	: VOA111
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	200	57.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 17:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V23190629A25	Instrument ID	: VOA123
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 98
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 20:16
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V11190701A23	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 98
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 12:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A14	Instrument ID	: VOA111
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	3.9	1.8	U
75-34-3	1,1-Dichloroethane	ND	0.78	0.11	U
67-66-3	Chloroform	0.30	1.2	0.11	J
56-23-5	Carbon tetrachloride	ND	0.78	0.18	U
78-87-5	1,2-Dichloropropane	ND	0.78	0.10	U
124-48-1	Dibromochloromethane	ND	0.78	0.11	U
79-00-5	1,1,2-Trichloroethane	ND	0.78	0.21	U
127-18-4	Tetrachloroethene	1600	0.39	0.15	E
108-90-7	Chlorobenzene	ND	0.39	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.1	0.54	U
107-06-2	1,2-Dichloroethane	ND	0.78	0.20	U
71-55-6	1,1,1-Trichloroethane	ND	0.39	0.13	U
75-27-4	Bromodichloromethane	ND	0.39	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.78	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.39	0.12	U
542-75-6	1,3-Dichloropropene, Total	ND	0.39	0.12	U
563-58-6	1,1-Dichloropropene	ND	0.39	0.12	U
75-25-2	Bromoform	ND	3.1	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.39	0.13	U
71-43-2	Benzene	ND	0.39	0.13	U
108-88-3	Toluene	ND	0.78	0.42	U
100-41-4	Ethylbenzene	ND	0.78	0.11	U
74-87-3	Chloromethane	ND	3.1	0.73	U
74-83-9	Bromomethane	ND	1.6	0.45	U
75-01-4	Vinyl chloride	ND	0.78	0.26	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 12:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A14	Instrument ID	: VOA111
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.6	0.35	U
75-35-4	1,1-Dichloroethene	ND	0.78	0.18	U
156-60-5	trans-1,2-Dichloroethene	0.11	1.2	0.11	J
79-01-6	Trichloroethene	5.0	0.39	0.11	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.11	U
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.13	U
1634-04-4	Methyl tert butyl ether	ND	1.6	0.16	U
179601-23-1	p/m-Xylene	ND	1.6	0.44	U
95-47-6	o-Xylene	ND	0.78	0.23	U
1330-20-7	Xylenes, Total	ND	0.78	0.23	U
156-59-2	cis-1,2-Dichloroethene	2.3	0.78	0.14	
540-59-0	1,2-Dichloroethene, Total	2.4	0.78	0.11	J
74-95-3	Dibromomethane	ND	1.6	0.18	U
100-42-5	Styrene	ND	0.78	0.15	U
75-71-8	Dichlorodifluoromethane	ND	7.8	0.71	U
67-64-1	Acetone	7.8	7.8	3.8	J
75-15-0	Carbon disulfide	ND	7.8	3.5	U
78-93-3	2-Butanone	ND	7.8	1.7	U R
108-05-4	Vinyl acetate	ND	7.8	1.7	U
108-10-1	4-Methyl-2-pentanone	ND	7.8	1.0	U R
96-18-4	1,2,3-Trichloropropane	ND	1.6	0.10	U
591-78-6	2-Hexanone	ND	7.8	0.92	U
74-97-5	Bromochloromethane	ND	1.6	0.16	U
594-20-7	2,2-Dichloropropane	ND	1.6	0.16	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 12:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A14	Instrument ID	: VOA111
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 96
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.78	0.22	U
142-28-9	1,3-Dichloropropane	ND	1.6	0.13	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	0.39	0.10	J
108-86-1	Bromobenzene	ND	1.6	0.11	U
104-51-8	n-Butylbenzene	ND	0.78	0.13	U
135-98-8	sec-Butylbenzene	ND	0.78	0.11	U
98-06-6	tert-Butylbenzene	ND	1.6	0.09	U
95-49-8	o-Chlorotoluene	ND	1.6	0.15	U
106-43-4	p-Chlorotoluene	ND	1.6	0.08	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.78	U
87-68-3	Hexachlorobutadiene	ND	3.1	0.13	U
98-82-8	Isopropylbenzene	ND	0.78	0.09	U
99-87-6	p-Isopropyltoluene	ND	0.78	0.09	U
91-20-3	Naphthalene	ND	3.1	0.51	U
107-13-1	Acrylonitrile	ND	3.1	0.90	U
103-65-1	n-Propylbenzene	ND	0.78	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.6	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	0.21	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.6	0.15	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.6	0.26	U
123-91-1	1,4-Dioxane	ND	62	27.	U R
105-05-5	p-Diethylbenzene	ND	1.6	0.14	U
622-96-8	p-Ethyltoluene	ND	1.6	0.30	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.6	0.15	U
60-29-7	Ethyl ether	ND	1.6	0.26	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 12:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A14	**Instrument ID**	: VOA111
Sample Amount	: 6.7 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 96
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.9	1.1	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 11:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A13	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	340	150	U
75-34-3	1,1-Dichloroethane	ND	67	9.7	U
67-66-3	Chloroform	ND	100	9.4	U
56-23-5	Carbon tetrachloride	ND	67	15.	U
78-87-5	1,2-Dichloropropane	ND	67	8.4	U
124-48-1	Dibromochloromethane	ND	67	9.4	U
79-00-5	1,1,2-Trichloroethane	ND	67	18.	U
127-18-4	Tetrachloroethene	3400	34	13.	
108-90-7	Chlorobenzene	ND	34	8.5	U
75-69-4	Trichlorofluoromethane	ND	270	47.	U
107-06-2	1,2-Dichloroethane	ND	67	17.	U
71-55-6	1,1,1-Trichloroethane	ND	34	11.	U
75-27-4	Bromodichloromethane	ND	34	7.3	U
10061-02-6	trans-1,3-Dichloropropene	ND	67	18.	U
10061-01-5	cis-1,3-Dichloropropene	ND	34	10.	U
542-75-6	1,3-Dichloropropene, Total	ND	34	10.	U
563-58-6	1,1-Dichloropropene	ND	34	11.	U
75-25-2	Bromoform	ND	270	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	34	11.	U
71-43-2	Benzene	ND	34	11.	U
108-88-3	Toluene	ND	67	36.	U
100-41-4	Ethylbenzene	ND	67	9.4	U
74-87-3	Chloromethane	ND	270	62.	U
74-83-9	Bromomethane	ND	130	39.	U
75-01-4	Vinyl chloride	ND	67	22.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 11:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A13	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	130	30.	U
75-35-4	1,1-Dichloroethene	ND	67	16.	U
156-60-5	trans-1,2-Dichloroethene	ND	100	9.2	U
79-01-6	Trichloroethene	ND	34	9.2	U
95-50-1	1,2-Dichlorobenzene	ND	130	9.6	U
541-73-1	1,3-Dichlorobenzene	ND	130	9.9	U
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U
1634-04-4	Methyl tert butyl ether	ND	130	13.	U
179601-23-1	p/m-Xylene	ND	130	38.	U
95-47-6	o-Xylene	ND	67	20.	U
1330-20-7	Xylenes, Total	ND	67	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	67	12.	U
540-59-0	1,2-Dichloroethene, Total	ND	67	9.2	U
74-95-3	Dibromomethane	ND	130	16.	U
100-42-5	Styrene	ND	67	13.	U
75-71-8	Dichlorodifluoromethane	ND	670	61.	U
67-64-1	Acetone	ND	670	320	U
75-15-0	Carbon disulfide	ND	670	300	U
78-93-3	2-Butanone	ND	670	150	U
108-05-4	Vinyl acetate	ND	670	140	U
108-10-1	4-Methyl-2-pentanone	ND	670	86.	U
96-18-4	1,2,3-Trichloropropane	ND	130	8.5	U
591-78-6	2-Hexanone	ND	670	79.	U
74-97-5	Bromochloromethane	ND	130	14.	U
594-20-7	2,2-Dichloropropane	ND	130	14.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 11:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A13	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	67	19.	U
142-28-9	1,3-Dichloropropane	ND	130	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	34	8.8	U
108-86-1	Bromobenzene	ND	130	9.7	U
104-51-8	n-Butylbenzene	ND	67	11.	U
135-98-8	sec-Butylbenzene	ND	67	9.8	U
98-06-6	tert-Butylbenzene	ND	130	7.9	U
95-49-8	o-Chlorotoluene	ND	130	13.	U
106-43-4	p-Chlorotoluene	ND	130	7.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	67.	U
87-68-3	Hexachlorobutadiene	ND	270	11.	U
98-82-8	Isopropylbenzene	ND	67	7.3	U
99-87-6	p-Isopropyltoluene	ND	67	7.3	U
91-20-3	Naphthalene	ND	270	44.	U
107-13-1	Acrylonitrile	ND	270	77.	U
103-65-1	n-Propylbenzene	ND	67	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	130	22.	U
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U
108-67-8	1,3,5-Trimethylbenzene	ND	130	13.	U
95-63-6	1,2,4-Trimethylbenzene	ND	130	22.	U
123-91-1	1,4-Dioxane	ND	5400	2400	U
105-05-5	p-Diethylbenzene	ND	130	12.	U
622-96-8	p-Ethyltoluene	ND	130	26.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	130	13.	U
60-29-7	Ethyl ether	ND	130	23.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 11:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A13	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 96
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	340	95.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 12:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A14	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 11:48
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V00190701A13	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 96
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.58	201	J
	Total TIC Compounds		201J	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-05	**Date Collected**	: 06/26/19 11:00
Client ID	: SB-11 (25-25.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 13:25
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A15	**Instrument ID**	: VOA111
Sample Amount	: 5.9 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 60
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	7.1	3.2	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.1	0.20	U
56-23-5	Carbon tetrachloride	ND	1.4	0.32	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.18	U
124-48-1	Dibromochloromethane	ND	1.4	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.38	U
127-18-4	Tetrachloroethene	280	0.71	0.28	
108-90-7	Chlorobenzene	ND	0.71	0.18	U
75-69-4	Trichlorofluoromethane	ND	5.6	0.98	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.36	U
71-55-6	1,1,1-Trichloroethane	ND	0.71	0.24	U
75-27-4	Bromodichloromethane	ND	0.71	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.38	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.71	0.22	U
542-75-6	1,3-Dichloropropene, Total	ND	0.71	0.22	U
563-58-6	1,1-Dichloropropene	ND	0.71	0.22	U
75-25-2	Bromoform	ND	5.6	0.35	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.71	0.23	U
71-43-2	Benzene	ND	0.71	0.23	U
108-88-3	Toluene	0.96	1.4	0.77	J
100-41-4	Ethylbenzene	ND	1.4	0.20	U
74-87-3	Chloromethane	ND	5.6	1.3	U
74-83-9	Bromomethane	ND	2.8	0.82	U
75-01-4	Vinyl chloride	ND	1.4	0.47	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-05	Date Collected	: 06/26/19 11:00
Client ID	: SB-11 (25-25.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 13:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 60
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.8	0.64	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.34	U
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.19	U
79-01-6	Trichloroethene	2.4	0.71	0.19	
95-50-1	1,2-Dichlorobenzene	ND	2.8	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.8	0.21	U
106-46-7	1,4-Dichlorobenzene	ND	2.8	0.24	U
1634-04-4	Methyl tert butyl ether	ND	2.8	0.28	U
179601-23-1	p/m-Xylene	ND	2.8	0.79	U
95-47-6	o-Xylene	ND	1.4	0.41	U
1330-20-7	Xylenes, Total	ND	1.4	0.41	U
156-59-2	cis-1,2-Dichloroethene	1.4	1.4	0.25	
540-59-0	1,2-Dichloroethene, Total	1.4	1.4	0.19	
74-95-3	Dibromomethane	ND	2.8	0.34	U
100-42-5	Styrene	ND	1.4	0.28	U
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U
67-64-1	Acetone	8.1	14	6.8	J
75-15-0	Carbon disulfide	ND	14	6.4	U
78-93-3	2-Butanone	ND	14	3.1	U R
108-05-4	Vinyl acetate	ND	14	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U R
96-18-4	1,2,3-Trichloropropane	ND	2.8	0.18	U
591-78-6	2-Hexanone	ND	14	1.7	U
74-97-5	Bromochloromethane	ND	2.8	0.29	U
594-20-7	2,2-Dichloropropane	ND	2.8	0.28	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-05	Date Collected	: 06/26/19 11:00
Client ID	: SB-11 (25-25.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 13:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A15	Instrument ID	: VOA111
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 60
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.4	0.39	U
142-28-9	1,3-Dichloropropane	ND	2.8	0.24	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.71	0.19	U
108-86-1	Bromobenzene	ND	2.8	0.20	U
104-51-8	n-Butylbenzene	ND	1.4	0.24	U
135-98-8	sec-Butylbenzene	ND	1.4	0.21	U
98-06-6	tert-Butylbenzene	ND	2.8	0.17	U
95-49-8	o-Chlorotoluene	ND	2.8	0.27	U
106-43-4	p-Chlorotoluene	ND	2.8	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	1.4	U
87-68-3	Hexachlorobutadiene	ND	5.6	0.24	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.15	U
91-20-3	Naphthalene	ND	5.6	0.92	U
107-13-1	Acrylonitrile	ND	5.6	1.6	U
103-65-1	n-Propylbenzene	ND	1.4	0.24	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.8	0.45	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.8	0.38	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.8	0.27	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.8	0.47	U
123-91-1	1,4-Dioxane	ND	110	50.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.8	0.25	U
622-96-8	p-Ethyltoluene	ND	2.8	0.54	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.8	0.27	U
60-29-7	Ethyl ether	ND	2.8	0.48	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-05	**Date Collected**	: 06/26/19 11:00
Client ID	: SB-11 (25-25.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 13:25
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A15	**Instrument ID**	: VOA111
Sample Amount	: 5.9 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 60
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.1	2.0	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-05	**Date Collected**	: 06/26/19 11:00
Client ID	: SB-11 (25-25.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 13:25
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A15	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 60
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Cycloalkane	2.93	33.6	J
	Total TIC Compounds		33.6J	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 13:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A16	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.3	2.4	U J
75-34-3	1,1-Dichloroethane	ND	1.1	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.13	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.28	U
127-18-4	Tetrachloroethene	170	0.53	0.21	
108-90-7	Chlorobenzene	ND	0.53	0.13	U J
75-69-4	Trichlorofluoromethane	ND	4.2	0.74	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.53	0.18	U
75-27-4	Bromodichloromethane	ND	0.53	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	0.53	0.17	U
563-58-6	1,1-Dichloropropene	ND	0.53	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	0.18	U
71-43-2	Benzene	ND	0.53	0.18	U
108-88-3	Toluene	0.86	1.1	0.58	J
100-41-4	Ethylbenzene	ND	1.1	0.15	U J
74-87-3	Chloromethane	ND	4.2	0.99	U
74-83-9	Bromomethane	ND	2.1	0.62	U
75-01-4	Vinyl chloride	ND	1.1	0.36	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 13:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A16	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U J
75-35-4	1,1-Dichloroethene	ND	1.1	0.25	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	0.32	0.53	0.14	J
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U J
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.1	0.31	U
1330-20-7	Xylenes, Total	ND	1.1	0.31	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.14	U
74-95-3	Dibromomethane	ND	2.1	0.25	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	0.97	U
67-64-1	Acetone	34	11	5.1	J
75-15-0	Carbon disulfide	ND	11	4.8	U J
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U R
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U J
591-78-6	2-Hexanone	ND	11	1.2	U R
74-97-5	Bromochloromethane	ND	2.1	0.22	J U
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	J U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 13:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A16	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U J
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.53	0.14	U
108-86-1	Bromobenzene	ND	2.1	0.15	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.15	U
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	1.2	4.2	0.69	J
107-13-1	Acrylonitrile	ND	4.2	1.2	U J
103-65-1	n-Propylbenzene	ND	1.1	0.18	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U
123-91-1	1,4-Dioxane	ND	85	37.	U R
105-05-5	p-Diethylbenzene	0.34	2.1	0.19	J
622-96-8	p-Ethyltoluene	ND	2.1	0.41	U J
95-93-2	1,2,4,5-Tetramethylbenzene	0.23	2.1	0.20	J
60-29-7	Ethyl ether	ND	2.1	0.36	U J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 13:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A16	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 97
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.3	1.5	U J

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 13:51
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A16	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 97
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 5 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Cycloalkane	2.93	31.9	J
	Unknown	12.16	5.89	J
	Unknown Alkane	13.07	3.36	J
	Unknown Aromatic	14.89	3.39	J
	Total TIC Compounds		44.5J	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 14:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A17	Instrument ID	: VOA111
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.5	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.90	0.13	U
67-66-3	Chloroform	0.28	1.4	0.13	J
56-23-5	Carbon tetrachloride	ND	0.90	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.90	0.11	U
124-48-1	Dibromochloromethane	ND	0.90	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.90	0.24	U
127-18-4	Tetrachloroethene	1200	0.45	0.18	E
108-90-7	Chlorobenzene	ND	0.45	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.6	0.63	U
107-06-2	1,2-Dichloroethane	ND	0.90	0.23	U
71-55-6	1,1,1-Trichloroethane	ND	0.45	0.15	U
75-27-4	Bromodichloromethane	ND	0.45	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.90	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.45	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.45	0.14	U
563-58-6	1,1-Dichloropropene	ND	0.45	0.14	U
75-25-2	Bromoform	ND	3.6	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.45	0.15	U
71-43-2	Benzene	ND	0.45	0.15	U
108-88-3	Toluene	0.50	0.90	0.49	J
100-41-4	Ethylbenzene	ND	0.90	0.13	U
74-87-3	Chloromethane	ND	3.6	0.84	U
74-83-9	Bromomethane	ND	1.8	0.52	U
75-01-4	Vinyl chloride	ND	0.90	0.30	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 14:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A17	Instrument ID	: VOA111
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	1.8	0.41	U	
75-35-4	1,1-Dichloroethene	ND	0.90	0.21	U	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.12	U	
79-01-6	Trichloroethene	5.2	0.45	0.12		
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U	
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U	
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U	
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U	
179601-23-1	p/m-Xylene	ND	1.8	0.50	U	
95-47-6	o-Xylene	ND	0.90	0.26	U	
1330-20-7	Xylenes, Total	ND	0.90	0.26	U	
156-59-2	cis-1,2-Dichloroethene	3.5	0.90	0.16		
540-59-0	1,2-Dichloroethene, Total	3.5	0.90	0.12		
74-95-3	Dibromomethane	ND	1.8	0.21	U	
100-42-5	Styrene	ND	0.90	0.18	U	
75-71-8	Dichlorodifluoromethane	ND	9.0	0.82	U	
67-64-1	Acetone	34	9.0	4.3	J	
75-15-0	Carbon disulfide	ND	9.0	4.1	U	
78-93-3	2-Butanone	ND	9.0	2.0	U	
108-05-4	Vinyl acetate	ND	9.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	9.0	1.2	U	R
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U	
591-78-6	2-Hexanone	ND	9.0	1.1	U	R
74-97-5	Bromochloromethane	ND	1.8	0.18	U	
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 14:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A17	Instrument ID	: VOA111
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.90	0.25	U
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	0.32	0.45	0.12	J
108-86-1	Bromobenzene	ND	1.8	0.13	U
104-51-8	n-Butylbenzene	ND	0.90	0.15	U
135-98-8	sec-Butylbenzene	ND	0.90	0.13	U
98-06-6	tert-Butylbenzene	ND	1.8	0.11	U
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.90	U
87-68-3	Hexachlorobutadiene	ND	3.6	0.15	U
98-82-8	Isopropylbenzene	ND	0.90	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.90	0.10	U
91-20-3	Naphthalene	ND	3.6	0.59	U
107-13-1	Acrylonitrile	ND	3.6	1.0	U
103-65-1	n-Propylbenzene	ND	0.90	0.15	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.29	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.30	U
123-91-1	1,4-Dioxane	ND	72	32.	U R
105-05-5	p-Diethylbenzene	ND	1.8	0.16	U
622-96-8	p-Ethyltoluene	ND	1.8	0.35	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1.8	0.17	U
60-29-7	Ethyl ether	ND	1.8	0.31	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 14:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A17	**Instrument ID**	: VOA111
Sample Amount	: 6.7 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 83
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.5	1.3	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 12:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A14	Instrument ID	: VOA100
Sample Amount	: 6.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 83
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	280	130	U
75-34-3	1,1-Dichloroethane	ND	55	8.0	U
67-66-3	Chloroform	ND	83	7.8	U
56-23-5	Carbon tetrachloride	ND	55	13.	U
78-87-5	1,2-Dichloropropane	ND	55	6.9	U
124-48-1	Dibromochloromethane	ND	55	7.8	U
79-00-5	1,1,2-Trichloroethane	ND	55	15.	U
127-18-4	Tetrachloroethene	2800	28	11.	
108-90-7	Chlorobenzene	ND	28	7.0	U
75-69-4	Trichlorofluoromethane	ND	220	38.	U
107-06-2	1,2-Dichloroethane	ND	55	14.	U
71-55-6	1,1,1-Trichloroethane	ND	28	9.2	U
75-27-4	Bromodichloromethane	ND	28	6.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	55	15.	U
10061-01-5	cis-1,3-Dichloropropene	ND	28	8.7	U
542-75-6	1,3-Dichloropropene, Total	ND	28	8.7	U
563-58-6	1,1-Dichloropropene	ND	28	8.8	U
75-25-2	Bromoform	ND	220	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	9.2	U
71-43-2	Benzene	ND	28	9.2	U
108-88-3	Toluene	ND	55	30.	U
100-41-4	Ethylbenzene	ND	55	7.8	U
74-87-3	Chloromethane	ND	220	52.	U
74-83-9	Bromomethane	ND	110	32.	U
75-01-4	Vinyl chloride	ND	55	18.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 12:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A14	Instrument ID	: VOA100
Sample Amount	: 6.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 83
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	110	25.	U
75-35-4	1,1-Dichloroethene	ND	55	13.	U
156-60-5	trans-1,2-Dichloroethene	ND	83	7.6	U
79-01-6	Trichloroethene	ND	28	7.6	U
95-50-1	1,2-Dichlorobenzene	ND	110	8.0	U
541-73-1	1,3-Dichlorobenzene	ND	110	8.2	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.5	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	ND	110	31.	U
95-47-6	o-Xylene	ND	55	16.	U
1330-20-7	Xylenes, Total	ND	55	16.	U
156-59-2	cis-1,2-Dichloroethene	ND	55	9.7	U
540-59-0	1,2-Dichloroethene, Total	ND	55	7.6	U
74-95-3	Dibromomethane	ND	110	13.	U
100-42-5	Styrene	ND	55	11.	U
75-71-8	Dichlorodifluoromethane	ND	550	51.	U
67-64-1	Acetone	ND	550	270	U
75-15-0	Carbon disulfide	ND	550	250	U
78-93-3	2-Butanone	ND	550	120	U
108-05-4	Vinyl acetate	ND	550	120	U
108-10-1	4-Methyl-2-pentanone	ND	550	71.	U
96-18-4	1,2,3-Trichloropropane	ND	110	7.0	U
591-78-6	2-Hexanone	ND	550	65.	U
74-97-5	Bromochloromethane	ND	110	11.	U
594-20-7	2,2-Dichloropropane	ND	110	11.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 12:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190701A14	Instrument ID	: VOA100
Sample Amount	: 6.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 83
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	55	15.	U
142-28-9	1,3-Dichloropropane	ND	110	9.2	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	28	7.3	U
108-86-1	Bromobenzene	ND	110	8.0	U
104-51-8	n-Butylbenzene	ND	55	9.2	U
135-98-8	sec-Butylbenzene	ND	55	8.1	U
98-06-6	tert-Butylbenzene	ND	110	6.5	U
95-49-8	o-Chlorotoluene	ND	110	10.	U
106-43-4	p-Chlorotoluene	ND	110	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	55.	U
87-68-3	Hexachlorobutadiene	ND	220	9.4	U
98-82-8	Isopropylbenzene	ND	55	6.0	U
99-87-6	p-Isopropyltoluene	ND	55	6.0	U
91-20-3	Naphthalene	ND	220	36.	U
107-13-1	Acrylonitrile	ND	220	64.	U
103-65-1	n-Propylbenzene	ND	55	9.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U
108-67-8	1,3,5-Trimethylbenzene	ND	110	11.	U
95-63-6	1,2,4-Trimethylbenzene	ND	110	18.	U
123-91-1	1,4-Dioxane	ND	4400	1900	U
105-05-5	p-Diethylbenzene	ND	110	9.8	U
622-96-8	p-Ethyltoluene	ND	110	21.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	110	10.	U
60-29-7	Ethyl ether	ND	110	19.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 12:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V00190701A14	**Instrument ID**	: VOA100
Sample Amount	: 6.8 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 83
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	280	79.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 14:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A17	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 83
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	4.64	18	J
	Total TIC Compounds		18.0J	J

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 12:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V00190701A14	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 83
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.58	160	J
	Total TIC Compounds		160J	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-08	**Date Collected**	: 06/26/19 12:37
Client ID	: SB-12 (25-25.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 14:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A18	**Instrument ID**	: VOA111
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 78
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	140	0.50	0.20	
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	0.57	1.0	0.54	J
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.94	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-08	Date Collected	: 06/26/19 12:37
Client ID	: SB-12 (25-25.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 14:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A18	Instrument ID	: VOA111
Sample Amount	: 6.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	1.4	0.50	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	0.25	2.0	0.20	J
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	0.18	
540-59-0	1,2-Dichloroethene, Total	1.6	1.0	0.14	
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	25	10	4.8	J
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U R
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U R
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-08	Date Collected	: 06/26/19 12:37
Client ID	: SB-12 (25-25.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 06/29/19 14:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V11190629A18	Instrument ID	: VOA111
Sample Amount	: 6.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
123-91-1	1,4-Dioxane	ND	80	35.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-08	**Date Collected**	: 06/26/19 12:37
Client ID	: SB-12 (25-25.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 14:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A18	**Instrument ID**	: VOA111
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 78
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-08	**Date Collected**	: 06/26/19 12:37
Client ID	: SB-12 (25-25.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/29/19 14:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V11190629A18	**Instrument ID**	: VOA111
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 78
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Cycloalkane	2.93	24.7	J
	Unknown Alkane	10.80	2.4	J
	Total TIC Compounds		27.1J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-09	**Date Collected**	: 06/26/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 12:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-09	**Date Collected**	: 06/26/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 12:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.2	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-09	Date Collected	: 06/26/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 12:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190701A10	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-09	**Date Collected**	: 06/26/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 12:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-09	**Date Collected**	: 06/26/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 12:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190701A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	6.01	2.36	J
	Unknown	8.15	1.21	J
	Total TIC Compounds		3.57J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 11:19
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV115
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 11:19
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV115
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 11:19
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV115
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 11:19
Sample Matrix	: WATER	**Date Extracted**	: 07/01/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28076-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV115
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	3.27	47.4	J
	Unknown	16.92	2.25	J
	Total TIC Compounds		49.7J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:28
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-03	Analyst	: KR
Sample Amount	: 30.58 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	29.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	20.	U
98-95-3	Nitrobenzene	ND	150	25.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:28
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-03	Analyst	: KR
Sample Amount	: 30.58 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	58.	U
85-68-7	Butyl benzyl phthalate	ND	170	42.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	57.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	35.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	130	41.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	130	20.	U
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	ND	100	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	380	39.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:28
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-03	Analyst	: KR
Sample Amount	: 30.58 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	30.	U R
88-74-4	2-Nitroaniline	ND	170	32.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	69.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	55.	U
88-75-5	2-Nitrophenol	ND	360	63.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	78.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	80.	U
87-86-5	Pentachlorophenol	ND	130	37.	U
108-95-2	Phenol	ND	170	25.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:28
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-03	Analyst	: KR
Sample Amount	: 30.58 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	540	170	U	
100-51-6	Benzyl Alcohol	ND	170	51.	U	
86-74-8	Carbazole	ND	170	16.	U	R
123-91-1	1,4-Dioxane	ND	25	7.7	U	R

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 15:28
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28076-03	**Analyst**	: KR
Sample Amount	: 30.58 g	**Instrument ID**	: SV109
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 98
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:53
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-04	Analyst	: KR
Sample Amount	: 30.53 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	150	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	150	25.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:53
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-04	Analyst	: KR
Sample Amount	: 30.53 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	140	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:53
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-04	Analyst	: KR
Sample Amount	: 30.53 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U R
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	70.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	820	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	82.	U
87-86-5	Pentachlorophenol	ND	140	37.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 15:53
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-04	Analyst	: KR
Sample Amount	: 30.53 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	550	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U R
123-91-1	1,4-Dioxane	ND	26	7.8	U R

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 15:53
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28076-04	**Analyst**	: KR
Sample Amount	: 30.53 g	**Instrument ID**	: SV109
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 96
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-05	Analyst	: KR
Sample Amount	: 30.65 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	29.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	20.	U
98-95-3	Nitrobenzene	ND	150	25.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-05	Analyst	: KR
Sample Amount	: 30.65 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	58.	U
85-68-7	Butyl benzyl phthalate	ND	170	42.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	57.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	35.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	130	41.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	27.	U
218-01-9	Chrysene	ND	100	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	ND	130	20.	U
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	ND	100	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	380	39.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-05	Analyst	: KR
Sample Amount	: 30.65 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	30.	U R
88-74-4	2-Nitroaniline	ND	170	32.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	69.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	55.	U
88-75-5	2-Nitrophenol	ND	360	63.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	78.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	80.	U
87-86-5	Pentachlorophenol	ND	130	37.	U
108-95-2	Phenol	ND	170	25.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:18
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-05	Analyst	: KR
Sample Amount	: 30.65 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	540	170	U	
100-51-6	Benzyl Alcohol	ND	170	51.	U	
86-74-8	Carbazole	ND	170	16.	U	R
123-91-1	1,4-Dioxane	ND	25	7.7	U	R

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 16:18
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28076-06	**Analyst**	: KR
Sample Amount	: 30.65 g	**Instrument ID**	: SV109
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:44
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-07	Analyst	: KR
Sample Amount	: 30.71 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	200	22.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
95-50-1	1,2-Dichlorobenzene	ND	200	35.	U
541-73-1	1,3-Dichlorobenzene	ND	200	34.	U
106-46-7	1,4-Dichlorobenzene	ND	200	34.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	29.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:44
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-07	Analyst	: KR
Sample Amount	: 30.71 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	ND	120	33.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	450	46.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:44
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-07	Analyst	: KR
Sample Amount	: 30.71 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	200	36.	U R
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	430	74.	U
100-02-7	4-Nitrophenol	ND	280	80.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	95.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:44
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28076-07	Analyst	: KR
Sample Amount	: 30.71 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	640	200	U
100-51-6	Benzyl Alcohol	ND	200	60.	U
86-74-8	Carbazole	ND	200	19.	U R
123-91-1	1,4-Dioxane	ND	30	9.1	U R

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 16:44
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28076-07	**Analyst**	: KR
Sample Amount	: 30.71 g	**Instrument ID**	: SV109
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 12:42
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 28076-01	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1255356-1	Date Collected	: NA
Client ID	: WG1255356-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/03/19 11:54
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 255356-1	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 13:19
Sample Matrix	: WATER	Date Extracted	: 07/09/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I6007	Analyst	: JW
Sample Amount	: 269 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.86	0.379	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.86	0.368	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.86	0.221	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.86	0.305	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.86	0.209	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.86	0.349	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.86	0.219	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.86	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.86	0.639	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.86	0.290	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.86	0.468	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.86	0.282	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.86	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.86	0.602	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.86	0.242	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.86	0.911	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.86	0.539	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.86	0.747	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 13:19
Sample Matrix	: WATER	**Date Extracted**	: 07/09/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I6007	**Analyst**	: JW
Sample Amount	: 269 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.86	0.346	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.86	0.304	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.86	0.230	U
NONE	PFOA/PFOS, Total	ND	1.86	0.219	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 07:13
Sample Matrix	: SOIL	Date Extracted	: 07/08/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5991	Analyst	: JW
Sample Amount	: 4.47 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.459	0.010	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.459	0.021	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.459	0.018	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.459	0.024	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.459	0.021	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.459	0.028	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.459	0.019	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.459	0.082	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.459	0.063	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.459	0.034	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.459	0.060	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.459	0.031	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.459	0.132	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.459	0.093	U J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.032	0.459	0.022	J U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.459	0.070	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.459	0.045	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.459	0.039	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 07:13
Sample Matrix	: SOIL	**Date Extracted**	: 07/08/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5991	**Analyst**	: JW
Sample Amount	: 4.47 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 98
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.459	0.032	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.459	0.094	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.459	0.025	U
NONE	PFOA/PFOS, Total	ND	0.459	0.019	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 07:29
Sample Matrix	: SOIL	Date Extracted	: 07/08/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5992	Analyst	: JW
Sample Amount	: 4.1 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.508	0.012	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.508	0.023	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.508	0.020	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.508	0.027	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.508	0.023	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.508	0.031	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.508	0.021	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.508	0.091	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.508	0.069	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.508	0.038	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.508	0.066	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.508	0.034	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.508	0.146	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.508	0.102	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.508	0.024	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.508	0.078	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.508	0.050	U R
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.508	0.043	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 07:29
Sample Matrix	: SOIL	**Date Extracted**	: 07/08/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5992	**Analyst**	: JW
Sample Amount	: 4.1 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 96
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.508	0.036	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.508	0.104	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.508	0.027	U
NONE	PFOA/PFOS, Total	ND	0.508	0.021	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 07:46
Sample Matrix	: SOIL	Date Extracted	: 07/08/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5993	Analyst	: JW
Sample Amount	: 4.36 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.472	0.011	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.472	0.022	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.472	0.018	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.472	0.025	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.472	0.021	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.472	0.029	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.472	0.020	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.472	0.085	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.472	0.064	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.472	0.035	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.472	0.061	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.472	0.032	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.472	0.135	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.472	0.095	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.025	0.472	0.022	J U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.472	0.072	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.472	0.046	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.472	0.040	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 07:46
Sample Matrix	: SOIL	**Date Extracted**	: 07/08/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5993	**Analyst**	: JW
Sample Amount	: 4.36 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.472	0.033	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.472	0.097	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.472	0.026	U
NONE	PFOA/PFOS, Total	ND	0.472	0.020	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/10/19 08:02
Sample Matrix	: SOIL	Date Extracted	: 07/08/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I5994	Analyst	: JW
Sample Amount	: 4.07 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 3 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.596	0.014	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.596	0.027	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.596	0.023	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.596	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.596	0.027	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.596	0.036	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.596	0.025	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.596	0.107	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.596	0.081	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.596	0.045	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.596	0.077	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.596	0.040	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.596	0.171	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.596	0.120	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.596	0.028	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.596	0.091	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.596	0.058	U R
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.596	0.050	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/10/19 08:02
Sample Matrix	: SOIL	**Date Extracted**	: 07/08/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I5994	**Analyst**	: JW
Sample Amount	: 4.07 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537(M)	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.596	0.042	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.596	0.122	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.596	0.032	U
NONE	PFOA/PFOS, Total	ND	0.596	0.025	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/02/19 18:49
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190702a-24	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 08:25
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13190702b-42	Analyst	: HT
Sample Amount	: 15.13 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.9	3.01	U
11104-28-2	Aroclor 1221	ND	33.9	3.40	U
11141-16-5	Aroclor 1232	ND	33.9	7.18	U
53469-21-9	Aroclor 1242	ND	33.9	4.57	U
12672-29-6	Aroclor 1248	ND	33.9	5.08	U
11097-69-1	Aroclor 1254	ND	33.9	3.71	U
11096-82-5	Aroclor 1260	ND	33.9	6.26	U
37324-23-5	Aroclor 1262	ND	33.9	4.30	U
11100-14-4	Aroclor 1268	ND	33.9	3.51	U
1336-36-3	PCBs, Total	ND	33.9	3.01	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 08:38
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13190702b-43	Analyst	: HT
Sample Amount	: 15.64 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.3	2.95	U
11104-28-2	Aroclor 1221	ND	33.3	3.33	U
11141-16-5	Aroclor 1232	ND	33.3	7.05	U
53469-21-9	Aroclor 1242	ND	33.3	4.48	U
12672-29-6	Aroclor 1248	ND	33.3	4.99	U
11097-69-1	Aroclor 1254	ND	33.3	3.64	U
11096-82-5	Aroclor 1260	ND	33.3	6.15	U
37324-23-5	Aroclor 1262	ND	33.3	4.22	U
11100-14-4	Aroclor 1268	ND	33.3	3.45	U
1336-36-3	PCBs, Total	ND	33.3	2.95	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 08:51
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13190702b-44	Analyst	: HT
Sample Amount	: 15.41 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	33.4	2.96	U
11104-28-2	Aroclor 1221	ND	33.4	3.34	U
11141-16-5	Aroclor 1232	ND	33.4	7.08	U
53469-21-9	Aroclor 1242	ND	33.4	4.50	U
12672-29-6	Aroclor 1248	ND	33.4	5.01	U
11097-69-1	Aroclor 1254	ND	33.4	3.65	U
11096-82-5	Aroclor 1260	ND	33.4	6.17	U
37324-23-5	Aroclor 1262	ND	33.4	4.24	U
11100-14-4	Aroclor 1268	ND	33.4	3.46	U
1336-36-3	PCBs, Total	ND	33.4	2.96	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 09:04
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13190702b-45	Analyst	: HT
Sample Amount	: 15.65 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	38.7	3.44	U
11104-28-2	Aroclor 1221	ND	38.7	3.88	U
11141-16-5	Aroclor 1232	ND	38.7	8.21	U
53469-21-9	Aroclor 1242	ND	38.7	5.22	U
12672-29-6	Aroclor 1248	ND	38.7	5.81	U
11097-69-1	Aroclor 1254	ND	38.7	4.24	U
11096-82-5	Aroclor 1260	ND	38.7	7.16	U
37324-23-5	Aroclor 1262	ND	38.7	4.92	U
11100-14-4	Aroclor 1268	ND	38.7	4.01	U
1336-36-3	PCBs, Total	ND	38.7	3.44	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 13:35
Sample Matrix	: WATER	Date Extracted	: 07/01/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190703a-24	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 13:35
Sample Matrix	: WATER	**Date Extracted**	: 07/01/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 10190703a-24	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST10
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/07/19 13:59
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190707a-15	Analyst	: AMC
Sample Amount	: 15.67 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.57	0.308	U
58-89-9	Lindane	ND	0.654	0.292	U
319-84-6	Alpha-BHC	ND	0.654	0.186	U
319-85-7	Beta-BHC	ND	1.57	0.596	U
76-44-8	Heptachlor	ND	0.785	0.352	U
309-00-2	Aldrin	ND	1.57	0.553	U
1024-57-3	Heptachlor epoxide	ND	2.94	0.884	U
72-20-8	Endrin	ND	0.654	0.268	U
7421-93-4	Endrin aldehyde	ND	1.96	0.687	U
53494-70-5	Endrin ketone	ND	1.57	0.404	U
60-57-1	Dieldrin	ND	0.982	0.491	U
72-55-9	4,4'-DDE	ND	1.57	0.363	U
72-54-8	4,4'-DDD	ND	1.57	0.560	U
50-29-3	4,4'-DDT	ND	2.94	1.26	U
959-98-8	Endosulfan I	ND	1.57	0.371	U
33213-65-9	Endosulfan II	ND	1.57	0.525	U
1031-07-8	Endosulfan sulfate	ND	0.654	0.312	U
72-43-5	Methoxychlor	ND	2.94	0.916	U
8001-35-2	Toxaphene	ND	29.4	8.25	U
5103-71-9	cis-Chlordane	ND	1.96	0.547	U
5103-74-2	trans-Chlordane	ND	1.96	0.518	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/07/19 13:59
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 11190707a-15	**Analyst**	: AMC
Sample Amount	: 15.67 g	**Instrument ID**	: PEST11
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 98
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	12.8	5.20	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/07/19 14:12
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190707a-16	Analyst	: AMC
Sample Amount	: 15.5 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 96
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.61	0.316	U
58-89-9	Lindane	ND	0.671	0.300	U
319-84-6	Alpha-BHC	ND	0.671	0.191	U
319-85-7	Beta-BHC	ND	1.61	0.611	U
76-44-8	Heptachlor	ND	0.806	0.361	U
309-00-2	Aldrin	ND	1.61	0.567	U
1024-57-3	Heptachlor epoxide	ND	3.02	0.906	U
72-20-8	Endrin	ND	0.671	0.275	U
7421-93-4	Endrin aldehyde	ND	2.01	0.705	U
53494-70-5	Endrin ketone	ND	1.61	0.415	U
60-57-1	Dieldrin	ND	1.01	0.504	U
72-55-9	4,4'-DDE	ND	1.61	0.372	U
72-54-8	4,4'-DDD	ND	1.61	0.575	U
50-29-3	4,4'-DDT	ND	3.02	1.30	U
959-98-8	Endosulfan I	ND	1.61	0.381	U
33213-65-9	Endosulfan II	ND	1.61	0.538	U
1031-07-8	Endosulfan sulfate	ND	0.671	0.320	U
72-43-5	Methoxychlor	ND	3.02	0.940	U
8001-35-2	Toxaphene	ND	30.2	8.46	U
5103-71-9	cis-Chlordane	ND	2.01	0.561	U
5103-74-2	trans-Chlordane	ND	2.01	0.532	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/07/19 14:12
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 11190707a-16	**Analyst**	: AMC
Sample Amount	: 15.5 g	**Instrument ID**	: PEST11
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 96
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	13.1	5.34	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/07/19 14:24
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190707a-17	Analyst	: AMC
Sample Amount	: 15.76 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 97
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.57	0.307	U
58-89-9	Lindane	ND	0.653	0.292	U
319-84-6	Alpha-BHC	ND	0.653	0.185	U
319-85-7	Beta-BHC	ND	1.57	0.594	U
76-44-8	Heptachlor	ND	0.783	0.351	U
309-00-2	Aldrin	ND	1.57	0.552	U
1024-57-3	Heptachlor epoxide	ND	2.94	0.881	U
72-20-8	Endrin	ND	0.653	0.268	U
7421-93-4	Endrin aldehyde	ND	1.96	0.685	U
53494-70-5	Endrin ketone	ND	1.57	0.403	U
60-57-1	Dieldrin	ND	0.979	0.490	U
72-55-9	4,4'-DDE	ND	1.57	0.362	U
72-54-8	4,4'-DDD	ND	1.57	0.559	U
50-29-3	4,4'-DDT	ND	2.94	1.26	U
959-98-8	Endosulfan I	ND	1.57	0.370	U
33213-65-9	Endosulfan II	ND	1.57	0.524	U
1031-07-8	Endosulfan sulfate	ND	0.653	0.311	U
72-43-5	Methoxychlor	ND	2.94	0.914	U
8001-35-2	Toxaphene	ND	29.4	8.22	U
5103-71-9	cis-Chlordane	ND	1.96	0.546	U
5103-74-2	trans-Chlordane	ND	1.96	0.517	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/07/19 14:24
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 11190707a-17	**Analyst**	: AMC
Sample Amount	: 15.76 g	**Instrument ID**	: PEST11
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 97
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	12.7	5.19	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/07/19 14:37
Sample Matrix	: SOIL	Date Extracted	: 07/02/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11190707a-18	Analyst	: AMC
Sample Amount	: 15.73 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.85	0.362	U
58-89-9	Lindane	ND	0.770	0.344	U
319-84-6	Alpha-BHC	ND	0.770	0.219	U
319-85-7	Beta-BHC	ND	1.85	0.701	U
76-44-8	Heptachlor	ND	0.925	0.414	U
309-00-2	Aldrin	ND	1.85	0.651	U
1024-57-3	Heptachlor epoxide	ND	3.47	1.04	U
72-20-8	Endrin	ND	0.770	0.316	U
7421-93-4	Endrin aldehyde	ND	2.31	0.809	U
53494-70-5	Endrin ketone	ND	1.85	0.476	U
60-57-1	Dieldrin	ND	1.16	0.578	U
72-55-9	4,4'-DDE	ND	1.85	0.428	U
72-54-8	4,4'-DDD	ND	1.85	0.660	U
50-29-3	4,4'-DDT	ND	3.47	1.49	U
959-98-8	Endosulfan I	ND	1.85	0.437	U
33213-65-9	Endosulfan II	ND	1.85	0.618	U
1031-07-8	Endosulfan sulfate	ND	0.770	0.367	U
72-43-5	Methoxychlor	ND	3.47	1.08	U
8001-35-2	Toxaphene	ND	34.7	9.71	U
5103-71-9	cis-Chlordane	ND	2.31	0.644	U
5103-74-2	trans-Chlordane	ND	2.31	0.610	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/07/19 14:37
Sample Matrix	: SOIL	**Date Extracted**	: 07/02/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 11190707a-18	**Analyst**	: AMC
Sample Amount	: 15.73 g	**Instrument ID**	: PEST11
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	15.0	6.13	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 11:04
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256122.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.257g	%Solids	: 98
Digestion Method	: EPA 3050B	Date Digested	: 07/02/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6660	8.16	2.20	J
7440-36-0	Antimony, Total	ND	4.08	0.310	U
7440-38-2	Arsenic, Total	0.547	0.816	0.170	J
7440-39-3	Barium, Total	110	0.816	0.142	
7440-41-7	Beryllium, Total	ND	0.408	0.027	U J
7440-43-9	Cadmium, Total	0.636	0.816	0.080	J
7440-70-2	Calcium, Total	17600	8.16	2.86	J
7440-47-3	Chromium, Total	17.9	0.816	0.078	
7440-48-4	Cobalt, Total	9.86	1.63	0.135	
7440-50-8	Copper, Total	29.4	0.816	0.210	
7439-89-6	Iron, Total	15800	4.08	0.737	J
7439-92-1	Lead, Total	81.0	4.08	0.219	
7439-95-4	Magnesium, Total	10100	8.16	1.26	J
7439-96-5	Manganese, Total	244	0.816	0.130	
7440-02-0	Nickel, Total	18.8	2.04	0.197	
7440-09-7	Potassium, Total	3270	204	11.7	
7782-49-2	Selenium, Total	0.816	1.63	0.210	J
7440-22-4	Silver, Total	ND	0.816	0.231	U
7440-23-5	Sodium, Total	116	163	2.57	J
7440-28-0	Thallium, Total	ND	1.63	0.257	U J
7440-62-2	Vanadium, Total	28.2	0.816	0.166	
7440-66-6	Zinc, Total	75.8	4.08	0.239	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 11:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256122.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.254g	%Solids	: 96
Digestion Method	: EPA 3050B	Date Digested	: 07/02/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	8680	8.30	2.24	J
7440-36-0	Antimony, Total	ND	4.15	0.315	U
7440-38-2	Arsenic, Total	0.780	0.830	0.173	J
7440-39-3	Barium, Total	89.0	0.830	0.144	
7440-41-7	Beryllium, Total	ND	0.415	0.027	U J
7440-43-9	Cadmium, Total	0.614	0.830	0.081	J
7440-70-2	Calcium, Total	27500	8.30	2.90	J
7440-47-3	Chromium, Total	20.0	0.830	0.080	
7440-48-4	Cobalt, Total	8.92	1.66	0.138	
7440-50-8	Copper, Total	19.4	0.830	0.214	
7439-89-6	Iron, Total	17500	4.15	0.749	J
7439-92-1	Lead, Total	5.40	4.15	0.222	
7439-95-4	Magnesium, Total	13500	8.30	1.28	J
7439-96-5	Manganese, Total	316	0.830	0.132	
7440-02-0	Nickel, Total	16.9	2.07	0.201	
7440-09-7	Potassium, Total	3520	207	11.9	
7782-49-2	Selenium, Total	0.647	1.66	0.214	J
7440-22-4	Silver, Total	ND	0.830	0.235	U
7440-23-5	Sodium, Total	175	166	2.61	J
7440-28-0	Thallium, Total	ND	1.66	0.261	U J
7440-62-2	Vanadium, Total	32.3	0.830	0.168	
7440-66-6	Zinc, Total	55.1	4.15	0.243	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-06	Date Collected	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 11:13
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256122.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.274g	%Solids	: 97
Digestion Method	: EPA 3050B	Date Digested	: 07/02/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6310	8.08	2.18	J
7440-36-0	Antimony, Total	ND	4.04	0.307	U
7440-38-2	Arsenic, Total	0.791	0.808	0.168	J
7440-39-3	Barium, Total	76.3	0.808	0.140	
7440-41-7	Beryllium, Total	ND	0.404	0.027	U J
7440-43-9	Cadmium, Total	0.816	0.808	0.079	
7440-70-2	Calcium, Total	10200	8.08	2.83	J
7440-47-3	Chromium, Total	14.4	0.808	0.078	
7440-48-4	Cobalt, Total	7.74	1.62	0.134	
7440-50-8	Copper, Total	23.3	0.808	0.208	
7439-89-6	Iron, Total	12600	4.04	0.729	J
7439-92-1	Lead, Total	124	4.04	0.216	
7439-95-4	Magnesium, Total	6240	8.08	1.24	J
7439-96-5	Manganese, Total	217	0.808	0.128	
7440-02-0	Nickel, Total	13.3	2.02	0.195	
7440-09-7	Potassium, Total	2110	202	11.6	
7782-49-2	Selenium, Total	0.735	1.62	0.208	J
7440-22-4	Silver, Total	0.347	0.808	0.228	J
7440-23-5	Sodium, Total	237	162	2.54	J
7440-28-0	Thallium, Total	ND	1.62	0.254	U J
7440-62-2	Vanadium, Total	21.8	0.808	0.164	
7440-66-6	Zinc, Total	162	4.04	0.237	

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 18:18
Sample Matrix	: SOIL	**Dilution Factor**	: 20
Analytical Method	: 1,6010D	**Analyst**	: AB
Lab File ID	: WG1256122.pdf	**Instrument ID**	: TRACE5
Sample Amount	: 1.316g	**%Solids**	: 83
Digestion Method	: EPA 3050B	**Date Digested**	: 07/02/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-89-6	Iron, Total	91000	46.0	8.32	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 16:54
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1256122.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.316g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 07/02/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	8210	9.21	2.49	J
7440-36-0	Antimony, Total	ND	4.60	0.350	U
7440-38-2	Arsenic, Total	45.4	0.921	0.192	
7440-39-3	Barium, Total	142	0.921	0.160	
7440-41-7	Beryllium, Total	ND	0.460	0.030	U J
7440-43-9	Cadmium, Total	3.02	0.921	0.090	
7440-70-2	Calcium, Total	29600	9.21	3.22	J
7440-47-3	Chromium, Total	106	0.921	0.088	
7440-48-4	Cobalt, Total	9.86	1.84	0.153	
7440-50-8	Copper, Total	47.8	0.921	0.238	
7439-92-1	Lead, Total	476	4.60	0.247	
7439-95-4	Magnesium, Total	24100	9.21	1.42	J
7439-96-5	Manganese, Total	1390	0.921	0.146	
7440-02-0	Nickel, Total	41.0	2.30	0.223	
7440-09-7	Potassium, Total	2090	230	13.3	
7782-49-2	Selenium, Total	1.80	1.84	0.238	J
7440-22-4	Silver, Total	0.912	0.921	0.261	J
7440-23-5	Sodium, Total	109	184	2.90	J
7440-28-0	Thallium, Total	5.41	1.84	0.290	J
7440-62-2	Vanadium, Total	131	0.921	0.187	
7440-66-6	Zinc, Total	423	4.60	0.270	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/03/19 12:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1256126.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/03/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.00783	0.0100	0.00327	J
7440-36-0	Antimony, Total	0.00043	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00054	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00200	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00964	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/02/19 19:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: EA
Lab File ID	: WG1255889.pdf	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 07/02/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 11:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1256212	**Instrument ID**	: FIMS4
Sample Amount	: 0.399g	**%Solids**	: 98
Digestion Method	: EPA 7471B	**Date Digested**	: 07/03/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.064	0.042	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 11:31
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1256212	**Instrument ID**	: FIMS4
Sample Amount	: 0.399g	**%Solids**	: 96
Digestion Method	: EPA 7471B	**Date Digested**	: 07/03/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.065	0.043	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 11:33
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1256212	**Instrument ID**	: FIMS4
Sample Amount	: 0.392g	**%Solids**	: 97
Digestion Method	: EPA 7471B	**Date Digested**	: 07/03/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.165	0.066	0.043	

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/03/19 11:34
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1256212	**Instrument ID**	: FIMS4
Sample Amount	: 0.395g	**%Solids**	: 83
Digestion Method	: EPA 7471B	**Date Digested**	: 07/03/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.187	0.077	0.050	

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-01	Date Collected	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 15:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-1-2019_02-46-13PM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 06/30/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	~~ND~~	0.005	0.001	U J

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-03	Date Collected	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 13:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-1-2019_12-51-55PM	Instrument ID	: LACHAT
Sample Amount	: 1.0184g	%Solids	: 98
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	1.0	0.21	U J

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-04	Date Collected	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/02/19 15:59
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-2-2019_03-43-10PM.cs	Instrument ID	: LACHAT
Sample Amount	: 1.0731g	%Solids	: 96
Digestion Method	:	Date Digested	: 07/02/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.97	0.20	U J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 07/01/19 14:36
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_7-1-2019_12-51-55PM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0238g	**%Solids**	: 97
Digestion Method	:	**Date Digested**	: 06/28/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.0	0.21	U J

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1928076
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1928076-07	Date Collected	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	Date Received	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	Date Analyzed	: 07/01/19 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-1-2019_12-51-55PM	Instrument ID	: LACHAT
Sample Amount	: 1.0307g	%Solids	: 83
Digestion Method	:	Date Digested	: 06/28/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	1.2	0.25	U J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-01	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/27/19 04:59
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1253686.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 06/27/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1253686-1	**Date Collected**	: NA
Client ID	: WG1253686-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/27/19 04:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1253686.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 06/27/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1253686-3	**Date Collected**	: 06/26/19 07:15
Client ID	: FIELD BLANK-EQ-4DUP	**Date Received**	: 06/26/19
Sample Location	:	**Date Analyzed**	: 06/27/19 04:59
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1253686.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 06/27/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-03	**Date Collected**	: 06/26/19 10:00
Client ID	: SB-11 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 22:10
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1254168.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4656g	**%Solids**	: 98
Digestion Method	: EPA 3060A	**Date Digested**	: 06/27/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.820	0.164	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-04	**Date Collected**	: 06/26/19 10:15
Client ID	: SB-11 (9-9.5)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 22:10
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1254168.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4804g	**%Solids**	: 96
Digestion Method	: EPA 3060A	**Date Digested**	: 06/27/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.832	0.166	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-06	**Date Collected**	: 06/26/19 12:00
Client ID	: SB-12 (0-2)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 22:10
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1254168.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4612g	**%Solids**	: 97
Digestion Method	: EPA 3060A	**Date Digested**	: 06/27/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.823	0.165	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1928076
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1928076-07	**Date Collected**	: 06/26/19 12:15
Client ID	: SB-12 (8.5-9)	**Date Received**	: 06/26/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA	**Date Analyzed**	: 06/28/19 22:10
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: NH/AJ
Lab File ID	: WG1254168.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4571g	**%Solids**	: 83
Digestion Method	: EPA 3060A	**Date Digested**	: 06/27/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.970	0.194	U

ATTACHMENT B

CASE NARRATIVE & COC

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1928076
Report Date: 08/01/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1928076-01	FIELD BLANK-EQ-4	WATER	11-35 31ST DRIVE, ASTORIA	06/26/19 07:15	06/26/19
L1928076-02	SB-10 (26-26.5)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 09:00	06/26/19
L1928076-03	SB-11 (0-2)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 10:00	06/26/19
L1928076-04	SB-11 (9-9.5)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 10:15	06/26/19
L1928076-05	SB-11 (25-25.5)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 11:00	06/26/19
L1928076-06	SB-12 (0-2)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 12:00	06/26/19
L1928076-07	SB-12 (8.5-9)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 12:15	06/26/19
L1928076-08	SB-12 (25-25.5)	SOIL	11-35 31ST DRIVE, ASTORIA	06/26/19 12:37	06/26/19
L1928076-09	TRIP BLANK	WATER	11-35 31ST DRIVE, ASTORIA	06/26/19 00:00	06/26/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Revision

August 01, 2019: Tentatively Identified Compounds have been added to the Volatile Organics and Semivolatile Organics analyses.

Report Submission

July 10, 2019: This final report includes the results of all requested analyses.

July 08, 2019: This is a preliminary report.

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

Sample Receipt

L1928076-01: The collection date and time on the chain of custody was 26-JUN-19 07:15; however, the collection date/time on the container label was 26-JUN-19 07:45. At the client's request, the collection date/time is reported as 26-JUN-19 07:15.

L1928076-05: The sample identified as "SB-11 (25-25.5)" on the chain of custody was identified as "SB-11 (22-22.5)" on the container label. At the client's request, the sample is reported as "SB-11 (25-25.5)".

Volatile Organics

L1928076-03, -04, and -07 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L1928076-03, -04, and -07: Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

L1928076-06: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (43%), possibly due to the matrix effect caused by the high pH of the sample (>10).

Case Narrative (continued)

Perfluorinated Alkyl Acids by Isotope Dilution

L1928076-03, -04 and -07: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1257584-5: The continuing calibration standard had the response for PFHxA above the acceptance criteria for the method. The associated samples were non-detect to the RL; therefore, no further action was taken.

Total Metals

L1928076-01: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1928076-03, -04, -06, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1256128-3 MS recovery, performed on L1928076-01, is outside the acceptance criteria for iron (303%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG1253811-2/-3 LCS/LCSD recoveries (68%/70%), associated with L1928076-03, -06, and -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1255639-2/-3 LCS/LCSD recoveries (65%/53%), associated with L1928076-04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Report Date: 08/01/19

Title: Technical Director/Representative

NEW JERSEY 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 2

Date Rec'd in Lab: 6/27/19

ALPHA Job #: L1928076

Client Information
Client: Impact
Address: 170 Keyland Ct.
Bohemia NY
Phone: 631-265-8500
Fax:
Email: lrobertson@impactenvironmental.

Project Information
Project Name: 31st Drive
Project Location: 11-35 31st Drive Astoria
Project #: 11845
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other Category B Deliverable

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + TICs	TCL SVOCs + TICs	TCL Pesticides + PCBs	TAL metals	Cyanide + Hex Chrom, Liq	1,4 - Dioxane			Sample Specific Comments	Total Bottle
280710 - 01	Field Blank - EQ - 4	6/26	7:15	L	LR	X	X	X	X	X	X				
-02	SB-10 (22-26.5)	6/26	9:00	S	LR	X									
-03	SB-11 (0-2)	6/26	~~9:00~~ 10:00	S	LR	X	X	X	X	X	X				
-04	SB-11 (9-9.5)	6/26	~~9:30~~ 10:15	S	LR	X	X	X	X	X	X				
-05	SB-11 (25-25.5')	6/26	~~9:50~~ 11:00	S	LR	X									
-06	SB-12 (0-2)	6/26	12:00	S	LR	X	X	X	X	X	X				
-07	SB-12 (8.5-9)	6/26	12:15	S	LR	X	X	X	X	X	X				
-08	SB-12 (25-25.5)	6/26	12:37	S	LR	X									
-09	Trip Blank	6/26	—	L	LR	X	X	X	X	X	X				

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

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

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

Container Type							
Preservative							

Relinquished By:	Date/Time	Received By:	Date/Time
	6/26/19 14:00		6/26/19 17:15
	6/27 6/27/19 2:01		6/27/19 0:45

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: 01-14 HC (rev. 30-Sept-2013)

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
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Page 2 of 2

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ALPHA Job #: L1928076

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Address: 170 Keyland ct
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Phone: 631-269-8500
Fax:
Email: lrobertson@impactenv.

Project Information
Project Name: 31st Drive
Project Location: 31-35 31st Drive Astoria
Project #: 11545
(Use Project name as Project #) ☐
Project Manager: Julie De la Fuente
ALPHAQuote #:

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

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other category B Deliverable

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Mod. Fld 6 Metals 537 PFAS Analysis list	Total Bottle
28076-01	Field Blank - EQ-4	6/26	7:15	GW	LR	X	
-03	SB-11 (0-2)	6/26	~~10:00~~ 10:10	S	LR	X	
-04	SB-11 (9-9.5)	6/26	~~10:30~~ 10:15	S	LR	X	
-06	SB-12 (0-2)	6/26	12:00	S	LR	X	
-07	SB-12 (8.5-9)	6/26	12:15	S	LR	X	

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

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

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

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
14:00 6/26			6/26/19 17:15
	6/26/19 21:01		
			6/27/19 01:45

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: 01-14 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT

For

31ST DRIVE

SOIL AND WATER SAMPLES

VOA, SVOA, PESTICIDE, PCB, METALS, CYANIDE & HEX CHROME
SDG No. L1930169

Sampling Date: July 10, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc. (EOPHC)
Environmental Data Validation Inc. (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31ST DRIVE SDG #: L1930169

Client: Impact Environmental Date: August 11, 2019

Laboratory: Alpha Analytical Reviewer: L. Wright.

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOC SVOC-SIM	Pest/ PCB	Metals	Cyanide/ Hex Chrome
FIELD BLANK EQ-9	L1930169-01	Aqueous	X	X	X	X	X
SB-22 (0-2)*	L1930169-02	Solid	X				
SB-22 (9.5-10)**	L1930169-03	Solid	X	X	X	X	X
SB-22 (18.5-19)	L1930169-04	Solid	X	X	X	X	X
TRIP BLANK	L1930169-05	Aqueous	X				

*Analyzed at both low & medium (equivalence-SW-846 High), **Medium level analyses (equivalence-SW-846 High) level only

The data packages contained three (3) soil samples, (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8260C SIM, 8270D, 8082A, 8081B, 6010D/6020B, 7470A/7471B, 9010C/9012B, and 7196A. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability have been discussed in applicable sections. Data that have no impact on data usability are not discussed.

Chain of Custody (COC): All samples were present.

Preservation: Preservation was acceptable.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination;

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

VOA

Sample Identification	Compound	Qualifier
L1930169-03 L1930169-04D	1,4-dioxane 4-Methyl-2-pentanone	R

Laboratory Control Sample (LCS): The following was qualified due to deficiency;

VOA

Sample Identification	Compound	Qualifier
L1930169-03 L1930169-04D	Trichlorofluoromethane Bromomethane	R
L1930169-01 L1930169-04D L1930169-05	trans-1,4-Dichloro-2-butene Chloromethane	R

Cyanide

Sample Identification	Compound	Qualifier
L1930169-02 L1930169-03	Cyanide	UJ

Surrogates: The results are acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
L1930169-02 L1930169-03	Aluminum, magnesium, potassium	J

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J).

Tentatively Identified Compounds: The following was qualified as this compound is a TCL and cannot be a TIC.

Sample Identification	Compound	Qualifier
L1930169-03	Benzene	R

Additional Comments: Some Form 1s and case narratives are reporting criteria out of QC limits. If data were impacted due to the deficiency, it is discussed in the DUSR and appropriate qualifier(s) applied. Therefore all discussions in the DUSR relate to all conditions that affected data usability. When there are multiple analyses, the validator presents the best run (Attachment A).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

FORM 1s

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190716A10	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U R
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 12:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190716A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190716A10	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190716A10	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U	R

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 12:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190716A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 15:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190716A22	Instrument ID	: VOA100
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.3	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.13	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.28	U
127-18-4	Tetrachloroethene	800	0.53	0.21	E
108-90-7	Chlorobenzene	ND	0.53	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.74	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.53	0.18	U
75-27-4	Bromodichloromethane	ND	0.53	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	0.53	0.17	U
563-58-6	1,1-Dichloropropene	ND	0.53	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	0.18	U
71-43-2	Benzene	ND	0.53	0.18	U
108-88-3	Toluene	ND	1.1	0.58	U
100-41-4	Ethylbenzene	ND	1.1	0.15	U
74-87-3	Chloromethane	ND	4.2	0.99	U
74-83-9	Bromomethane	ND	2.1	0.62	U
75-01-4	Vinyl chloride	ND	1.1	0.36	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 15:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190716A22	Instrument ID	: VOA100
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.25	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	3.7	0.53	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.1	0.31	U
1330-20-7	Xylenes, Total	ND	1.1	0.31	U
156-59-2	cis-1,2-Dichloroethene	4.7	1.1	0.18	
540-59-0	1,2-Dichloroethene, Total	4.7	1.1	0.14	
74-95-3	Dibromomethane	ND	2.1	0.25	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	0.97	U
67-64-1	Acetone	15	11	5.1	
75-15-0	Carbon disulfide	ND	11	4.8	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U
591-78-6	2-Hexanone	ND	11	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 15:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V00190716A22	Instrument ID	: VOA100
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 98
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.53	0.14	U
108-86-1	Bromobenzene	ND	2.1	0.15	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.2	0.69	U
107-13-1	Acrylonitrile	ND	4.2	1.2	U
103-65-1	n-Propylbenzene	ND	1.1	0.18	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U
123-91-1	1,4-Dioxane	ND	85	37.	U
105-05-5	p-Diethylbenzene	ND	2.1	0.19	U
622-96-8	p-Ethyltoluene	ND	2.1	0.41	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.1	0.20	U
60-29-7	Ethyl ether	ND	2.1	0.36	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 15:47
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V00190716A22	**Instrument ID**	: VOA100
Sample Amount	: 4.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 98
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.3	1.5	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 07:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190717A07	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	300	140	U
75-34-3	1,1-Dichloroethane	ND	59	8.6	U
67-66-3	Chloroform	ND	89	8.3	U
56-23-5	Carbon tetrachloride	ND	59	14.	U
78-87-5	1,2-Dichloropropane	ND	59	7.4	U
124-48-1	Dibromochloromethane	ND	59	8.3	U
79-00-5	1,1,2-Trichloroethane	ND	59	16.	U
127-18-4	Tetrachloroethene	120	30	12.	
108-90-7	Chlorobenzene	ND	30	7.5	U
75-69-4	Trichlorofluoromethane	ND	240	41.	U
107-06-2	1,2-Dichloroethane	ND	59	15.	U
71-55-6	1,1,1-Trichloroethane	ND	30	9.9	U
75-27-4	Bromodichloromethane	ND	30	6.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	59	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	30	9.4	U
542-75-6	1,3-Dichloropropene, Total	ND	30	9.4	U
563-58-6	1,1-Dichloropropene	ND	30	9.4	U
75-25-2	Bromoform	ND	240	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	30	9.8	U
71-43-2	Benzene	ND	30	9.8	U
108-88-3	Toluene	ND	59	32.	U
100-41-4	Ethylbenzene	ND	59	8.4	U
74-87-3	Chloromethane	ND	240	55.	U
74-83-9	Bromomethane	ND	120	34.	U
75-01-4	Vinyl chloride	ND	59	20.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 07:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190717A07	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	120	27.	U
75-35-4	1,1-Dichloroethene	ND	59	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	89	8.1	U
79-01-6	Trichloroethene	ND	30	8.1	U
95-50-1	1,2-Dichlorobenzene	ND	120	8.5	U
541-73-1	1,3-Dichlorobenzene	ND	120	8.8	U
106-46-7	1,4-Dichlorobenzene	ND	120	10.	U
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	ND	120	33.	U
95-47-6	o-Xylene	ND	59	17.	U
1330-20-7	Xylenes, Total	ND	59	17.	U
156-59-2	cis-1,2-Dichloroethene	ND	59	10.	U
540-59-0	1,2-Dichloroethene, Total	ND	59	8.1	U
74-95-3	Dibromomethane	ND	120	14.	U
100-42-5	Styrene	ND	59	12.	U
75-71-8	Dichlorodifluoromethane	ND	590	54.	U
67-64-1	Acetone	ND	590	280	U
75-15-0	Carbon disulfide	ND	590	270	U
78-93-3	2-Butanone	ND	590	130	U
108-05-4	Vinyl acetate	ND	590	130	U
108-10-1	4-Methyl-2-pentanone	ND	590	76.	U
96-18-4	1,2,3-Trichloropropane	ND	120	7.5	U
591-78-6	2-Hexanone	ND	590	70.	U
74-97-5	Bromochloromethane	ND	120	12.	U
594-20-7	2,2-Dichloropropane	ND	120	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 07:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190717A07	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	59	16.	U
142-28-9	1,3-Dichloropropane	ND	120	9.9	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	30	7.8	U
108-86-1	Bromobenzene	ND	120	8.6	U
104-51-8	n-Butylbenzene	ND	59	9.9	U
135-98-8	sec-Butylbenzene	ND	59	8.7	U
98-06-6	tert-Butylbenzene	ND	120	7.0	U
95-49-8	o-Chlorotoluene	ND	120	11.	U
106-43-4	p-Chlorotoluene	ND	120	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	180	59.	U
87-68-3	Hexachlorobutadiene	ND	240	10.	U
98-82-8	Isopropylbenzene	ND	59	6.5	U
99-87-6	p-Isopropyltoluene	ND	59	6.5	U
91-20-3	Naphthalene	ND	240	38.	U
107-13-1	Acrylonitrile	ND	240	68.	U
103-65-1	n-Propylbenzene	ND	59	10.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	19.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	16.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	11.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	20.	U
123-91-1	1,4-Dioxane	ND	4700	2100	U
105-05-5	p-Diethylbenzene	ND	120	10.	U
622-96-8	p-Ethyltoluene	ND	120	23.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	120	11.	U
60-29-7	Ethyl ether	ND	120	20.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 07:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00190717A07	Instrument ID	: VOA100
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 98
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	300	84.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035 High

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/17/19 07:34
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V00190717A07	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 98
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 15:47
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V00190716A22	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 98
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 00:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N17	Instrument ID	: VOA117
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	330	150	U
75-34-3	1,1-Dichloroethane	ND	66	9.6	U
67-66-3	Chloroform	ND	99	9.2	U
56-23-5	Carbon tetrachloride	ND	66	15.	U
78-87-5	1,2-Dichloropropane	ND	66	8.3	U
124-48-1	Dibromochloromethane	ND	66	9.2	U
79-00-5	1,1,2-Trichloroethane	ND	66	18.	U
127-18-4	Tetrachloroethene	2300	33	13.	
108-90-7	Chlorobenzene	ND	33	8.4	U
75-69-4	Trichlorofluoromethane	ND	260	46.	U R
107-06-2	1,2-Dichloroethane	ND	66	17.	U
71-55-6	1,1,1-Trichloroethane	ND	33	11.	U
75-27-4	Bromodichloromethane	ND	33	7.2	U
10061-02-6	trans-1,3-Dichloropropene	ND	66	18.	U
10061-01-5	cis-1,3-Dichloropropene	ND	33	10.	U
542-75-6	1,3-Dichloropropene, Total	ND	33	10.	U
563-58-6	1,1-Dichloropropene	ND	33	10.	U
75-25-2	Bromoform	ND	260	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	33	11.	U
71-43-2	Benzene	ND	33	11.	U
108-88-3	Toluene	ND	66	36.	U
100-41-4	Ethylbenzene	24	66	9.3	J
74-87-3	Chloromethane	ND	260	62.	U
74-83-9	Bromomethane	ND	130	38.	U R
75-01-4	Vinyl chloride	ND	66	22.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 00:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N17	Instrument ID	: VOA117
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	130	30.	U
75-35-4	1,1-Dichloroethene	ND	66	16.	U
156-60-5	trans-1,2-Dichloroethene	ND	99	9.0	U
79-01-6	Trichloroethene	400	33	9.0	
95-50-1	1,2-Dichlorobenzene	ND	130	9.5	U
541-73-1	1,3-Dichlorobenzene	ND	130	9.8	U
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U
1634-04-4	Methyl tert butyl ether	ND	130	13.	U
179601-23-1	p/m-Xylene	77	130	37.	J
95-47-6	o-Xylene	40	66	19.	J
1330-20-7	Xylenes, Total	120	66	19.	J
156-59-2	cis-1,2-Dichloroethene	2500	66	12.	
540-59-0	1,2-Dichloroethene, Total	2500	66	9.0	
74-95-3	Dibromomethane	ND	130	16.	U
100-42-5	Styrene	ND	66	13.	U
75-71-8	Dichlorodifluoromethane	ND	660	60.	U
67-64-1	Acetone	ND	660	320	U
75-15-0	Carbon disulfide	ND	660	300	U
78-93-3	2-Butanone	ND	660	150	U
108-05-4	Vinyl acetate	ND	660	140	U
108-10-1	4-Methyl-2-pentanone	ND	660	84.	U R
96-18-4	1,2,3-Trichloropropane	ND	130	8.4	U
591-78-6	2-Hexanone	ND	660	78.	U
74-97-5	Bromochloromethane	ND	130	14.	U
594-20-7	2,2-Dichloropropane	ND	130	13.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 00:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N17	Instrument ID	: VOA117
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	66	18.	U
142-28-9	1,3-Dichloropropane	ND	130	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	8.7	U
108-86-1	Bromobenzene	ND	130	9.6	U
104-51-8	n-Butylbenzene	44	66	11.	J
135-98-8	sec-Butylbenzene	39	66	9.6	J
98-06-6	tert-Butylbenzene	ND	130	7.8	U
95-49-8	o-Chlorotoluene	ND	130	13.	U
106-43-4	p-Chlorotoluene	ND	130	7.1	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	66.	U
87-68-3	Hexachlorobutadiene	ND	260	11.	U
98-82-8	Isopropylbenzene	95	66	7.2	
99-87-6	p-Isopropyltoluene	26	66	7.2	J
91-20-3	Naphthalene	ND	260	43.	U
107-13-1	Acrylonitrile	ND	260	76.	U
103-65-1	n-Propylbenzene	220	66	11.	
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U
108-67-8	1,3,5-Trimethylbenzene	1000	130	13.	
95-63-6	1,2,4-Trimethylbenzene	1500	130	22.	
123-91-1	1,4-Dioxane	ND	5300	2300	U R
105-05-5	p-Diethylbenzene	460	130	12.	
622-96-8	p-Ethyltoluene	1700	130	25.	
95-93-2	1,2,4,5-Tetramethylbenzene	30	130	13.	J
60-29-7	Ethyl ether	ND	130	22.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 00:36
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N17	**Instrument ID**	: VOA117
Sample Amount	: 4.9 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 87
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	330	94.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 00:36
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N17	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 87
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 5 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier	
	Unknown Benzene	11.77	1100	J	R
	Unknown Aromatic	12.55	1350	J	
	Unknown Benzene	12.91	196	J	R
	Unknown Benzene	12.99	159	J	R
	Total TIC Compounds		2810J	J	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-04D	Date Collected	: 07/10/19 10:45
Client ID	: SB-22 (18.5-19)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:02
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N18	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	680	310	U
75-34-3	1,1-Dichloroethane	ND	140	20.	U
67-66-3	Chloroform	ND	200	19.	U
56-23-5	Carbon tetrachloride	ND	140	31.	U
78-87-5	1,2-Dichloropropane	ND	140	17.	U
124-48-1	Dibromochloromethane	ND	140	19.	U
79-00-5	1,1,2-Trichloroethane	ND	140	36.	U
127-18-4	Tetrachloroethene	23000	68	26.	
108-90-7	Chlorobenzene	ND	68	17.	U
75-69-4	Trichlorofluoromethane	ND	540	94.	U R
107-06-2	1,2-Dichloroethane	ND	140	35.	U
71-55-6	1,1,1-Trichloroethane	ND	68	23.	U
75-27-4	Bromodichloromethane	ND	68	15.	U
10061-02-6	trans-1,3-Dichloropropene	ND	140	37.	U
10061-01-5	cis-1,3-Dichloropropene	ND	68	21.	U
542-75-6	1,3-Dichloropropene, Total	ND	68	21.	U
563-58-6	1,1-Dichloropropene	ND	68	22.	U
75-25-2	Bromoform	ND	540	33.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	68	22.	U
71-43-2	Benzene	ND	68	22.	U
108-88-3	Toluene	ND	140	74.	U
100-41-4	Ethylbenzene	37	140	19.	J
74-87-3	Chloromethane	ND	540	130	U R
74-83-9	Bromomethane	ND	270	79.	U R
75-01-4	Vinyl chloride	5000	140	45.	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-04D	Date Collected	: 07/10/19 10:45
Client ID	: SB-22 (18.5-19)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:02
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N18	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	270	61.	U
75-35-4	1,1-Dichloroethene	48	140	32.	J
156-60-5	trans-1,2-Dichloroethene	20	200	18.	J
79-01-6	Trichloroethene	2200	68	18.	
95-50-1	1,2-Dichlorobenzene	ND	270	20.	U
541-73-1	1,3-Dichlorobenzene	ND	270	20.	U
106-46-7	1,4-Dichlorobenzene	ND	270	23.	U
1634-04-4	Methyl tert butyl ether	ND	270	27.	U
179601-23-1	p/m-Xylene	92	270	76.	J
95-47-6	o-Xylene	64	140	39.	J
1330-20-7	Xylenes, Total	160	140	39.	J
156-59-2	cis-1,2-Dichloroethene	13000	140	24.	
540-59-0	1,2-Dichloroethene, Total	13000	140	18.	J
74-95-3	Dibromomethane	ND	270	32.	U
100-42-5	Styrene	ND	140	26.	U
75-71-8	Dichlorodifluoromethane	ND	1400	120	U
67-64-1	Acetone	ND	1400	650	U
75-15-0	Carbon disulfide	ND	1400	620	U
78-93-3	2-Butanone	ND	1400	300	U
108-05-4	Vinyl acetate	ND	1400	290	U
108-10-1	4-Methyl-2-pentanone	ND	1400	170	U R
96-18-4	1,2,3-Trichloropropane	ND	270	17.	U
591-78-6	2-Hexanone	ND	1400	160	U
74-97-5	Bromochloromethane	ND	270	28.	U
594-20-7	2,2-Dichloropropane	ND	270	27.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-04D	Date Collected	: 07/10/19 10:45
Client ID	: SB-22 (18.5-19)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 01:02
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: JC
Lab File ID	: V17190715N18	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 81
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	140	38.	U
142-28-9	1,3-Dichloropropane	ND	270	23.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	68	18.	U
108-86-1	Bromobenzene	ND	270	20.	U
104-51-8	n-Butylbenzene	ND	140	23.	U
135-98-8	sec-Butylbenzene	ND	140	20.	U
98-06-6	tert-Butylbenzene	ND	270	16.	U
95-49-8	o-Chlorotoluene	ND	270	26.	U
106-43-4	p-Chlorotoluene	ND	270	15.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	410	140	U
87-68-3	Hexachlorobutadiene	ND	540	23.	U
98-82-8	Isopropylbenzene	ND	140	15.	U
99-87-6	p-Isopropyltoluene	ND	140	15.	U
91-20-3	Naphthalene	ND	540	88.	U
107-13-1	Acrylonitrile	ND	540	160	U
103-65-1	n-Propylbenzene	ND	140	23.	U
87-61-6	1,2,3-Trichlorobenzene	ND	270	44.	U
120-82-1	1,2,4-Trichlorobenzene	ND	270	37.	U
108-67-8	1,3,5-Trimethylbenzene	150	270	26.	J
95-63-6	1,2,4-Trimethylbenzene	150	270	45.	J
123-91-1	1,4-Dioxane	ND	11000	4800	U R
105-05-5	p-Diethylbenzene	38	270	24.	J
622-96-8	p-Ethyltoluene	200	270	52.	J
95-93-2	1,2,4,5-Tetramethylbenzene	ND	270	26.	U
60-29-7	Ethyl ether	ND	270	46.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-04D	**Date Collected**	: 07/10/19 10:45
Client ID	: SB-22 (18.5-19)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 01:02
Sample Matrix	: SOIL	**Dilution Factor**	: 2
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N18	**Instrument ID**	: VOA117
Sample Amount	: 5.6 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 81
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	680	190	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-04D	**Date Collected**	: 07/10/19 10:45
Client ID	: SB-22 (18.5-19)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 01:02
Sample Matrix	: SOIL	**Dilution Factor**	: 2
Analytical Method	: 1,8260C	**Analyst**	: JC
Lab File ID	: V17190715N18	**Instrument ID**	: VOA117
Sample Amount	:	**GC Column**	: RTX-VMS
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.05 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-05	Date Collected	: 07/10/19 00:00
Client ID	: TRIP BLANK	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190716A11	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U R
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-05	**Date Collected**	: 07/10/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 12:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190716A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-05	Date Collected	: 07/10/19 00:00
Client ID	: TRIP BLANK	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 12:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190716A11	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-05	**Date Collected**	: 07/10/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 12:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190716A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U R

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-05	**Date Collected**	: 07/10/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 12:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190716A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-05	**Date Collected**	: 07/10/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 12:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190716A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/14/19 11:25
Sample Matrix	: WATER	Date Extracted	: 07/13/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 30169-01	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:25
Sample Matrix	: WATER	Date Extracted	: 07/13/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:25
Sample Matrix	: WATER	Date Extracted	: 07/13/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:25
Sample Matrix	: WATER	Date Extracted	: 07/13/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 00:25
Sample Matrix	: WATER	**Date Extracted**	: 07/13/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 30169-01	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.82	23.4	J
	Total TIC Compounds		23.4J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:18
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-02	Analyst	: HL
Sample Amount	: 30.4 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	19.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	30.	U
541-73-1	1,3-Dichlorobenzene	ND	170	29.	U
106-46-7	1,4-Dichlorobenzene	ND	170	29.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	100	100	19.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	480	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	170	20.	U
98-95-3	Nitrobenzene	ND	150	25.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:18
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-02	Analyst	: HL
Sample Amount	: 30.4 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	98	170	58.	J
85-68-7	Butyl benzyl phthalate	ND	170	42.	U
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	57.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	35.	U
56-55-3	Benzo(a)anthracene	75	100	19.	J
50-32-8	Benzo(a)pyrene	88	130	41.	J
205-99-2	Benzo(b)fluoranthene	110	100	28.	
207-08-9	Benzo(k)fluoranthene	42	100	27.	J
218-01-9	Chrysene	70	100	18.	J
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	100	33.	U
191-24-2	Benzo(ghi)perylene	79	130	20.	J
86-73-7	Fluorene	ND	170	16.	U
85-01-8	Phenanthrene	41	100	20.	J
53-70-3	Dibenzo(a,h)anthracene	ND	100	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	130	23.	J
129-00-0	Pyrene	100	100	17.	
92-52-4	Biphenyl	ND	380	39.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:18
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-02	Analyst	: HL
Sample Amount	: 30.4 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	32.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	70.	U
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	360	63.	U
100-02-7	4-Nitrophenol	ND	240	69.	U
51-28-5	2,4-Dinitrophenol	ND	810	78.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	81.	U
87-86-5	Pentachlorophenol	ND	130	37.	U
108-95-2	Phenol	ND	170	25.	U
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	32.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:18
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-02	Analyst	: HL
Sample Amount	: 30.4 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	540	170	U
100-51-6	Benzyl Alcohol	ND	170	52.	U
86-74-8	Carbazole	ND	170	16.	U
123-91-1	1,4-Dioxane	ND	25	7.7	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/17/19 23:18
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 30169-02	**Analyst**	: HL
Sample Amount	: 30.4 g	**Instrument ID**	: SV112
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 98
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.52	2410	NJ
	Total TIC Compounds		2410J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:43
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-03	Analyst	: HL
Sample Amount	: 30.29 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	190	22.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
95-50-1	1,2-Dichlorobenzene	ND	190	34.	U
541-73-1	1,3-Dichlorobenzene	ND	190	32.	U
106-46-7	1,4-Dichlorobenzene	ND	190	33.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	ND	110	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:43
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-03	Analyst	: HL
Sample Amount	: 30.29 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	20.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	19.	U
92-52-4	Biphenyl	ND	430	44.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:43
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-03	Analyst	: HL
Sample Amount	: 30.29 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	910	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	91.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/17/19 23:43
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30169-03	Analyst	: HL
Sample Amount	: 30.29 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	610	190	U
100-51-6	Benzyl Alcohol	ND	190	58.	U
86-74-8	Carbazole	ND	190	18.	U
123-91-1	1,4-Dioxane	ND	28	8.7	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/17/19 23:43
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 30169-03	**Analyst**	: HL
Sample Amount	: 30.29 g	**Instrument ID**	: SV112
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1258944-1	Date Collected	: NA
Client ID	: WG1258944-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/19 10:19
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 258944-1	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
118-74-1	Hexachlorobenzene	ND	2.0	0.46	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
87-68-3	Hexachlorobutadiene	ND	2.0	0.66	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1258944-1	Date Collected	: NA
Client ID	: WG1258944-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/19 10:19
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 258944-1	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.8	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.41	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.35	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.37	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.32	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.40	U
129-00-0	Pyrene	ND	2.0	0.28	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1258944-1	Date Collected	: NA
Client ID	: WG1258944-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/12/19 10:19
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 258944-1	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
87-86-5	Pentachlorophenol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1258944-1	**Date Collected**	: NA
Client ID	: WG1258944-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/12/19 10:19
Sample Matrix	: WATER	**Date Extracted**	: 07/12/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 258944-1	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1258944-1	**Date Collected**	: NA
Client ID	: WG1258944-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/12/19 10:19
Sample Matrix	: WATER	**Date Extracted**	: 07/12/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 258944-1	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 14 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	3.63	17.9	J
	Unknown	13.47	1.85	J
	Unknown	13.51	4.36	J
	Unknown	13.82	4.25	J
	Unknown Siloxane	13.92	2.54	J
	Unknown	14.37	2.44	J
	Unknown	14.50	2.69	J
	Unknown	14.72	5.16	J
	Unknown	14.78	2.91	J
	Unknown Siloxane	15.18	2.14	J
	Unknown	15.37	3.02	J
	Unknown	15.57	6.54	J
	Unknown	15.94	1.45	J
	Total TIC Compounds		57.3J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1260279-1	Date Collected	: NA
Client ID	: WG1260279-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/19 01:20
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 260279-1	Analyst	: RC
Sample Amount	: 30.69 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	160	19.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
95-50-1	1,2-Dichlorobenzene	ND	160	29.	U
541-73-1	1,3-Dichlorobenzene	ND	160	28.	U
106-46-7	1,4-Dichlorobenzene	ND	160	28.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	43.	U
121-14-2	2,4-Dinitrotoluene	ND	160	32.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	17.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	460	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1260279-1	Date Collected	: NA
Client ID	: WG1260279-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/19 01:20
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 260279-1	Analyst	: RC
Sample Amount	: 30.69 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	130	18.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	55.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	27.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	38.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1260279-1	Date Collected	: NA
Client ID	: WG1260279-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/19 01:20
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 260279-1	Analyst	: RC
Sample Amount	: 30.69 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	31.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	67.	U
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	66.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	230	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1260279-1	Date Collected	: NA
Client ID	: WG1260279-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/17/19 01:20
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 260279-1	Analyst	: RC
Sample Amount	: 30.69 g	Instrument ID	: SV112
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	530	160	U
100-51-6	Benzyl Alcohol	ND	160	50.	U
86-74-8	Carbazole	ND	160	16.	U
123-91-1	1,4-Dioxane	ND	24	7.5	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1260279-1	**Date Collected**	: NA
Client ID	: WG1260279-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/17/19 01:20
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 260279-1	**Analyst**	: RC
Sample Amount	: 30.69 g	**Instrument ID**	: SV112
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/17/19 09:02
Sample Matrix	: WATER	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: F2207171907	**Analyst**	: MA
Sample Amount	: 270 ml	**Instrument ID**	: PAH22
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 15:18
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: F2207161914	**Analyst**	: MA
Sample Amount	: 5.962 g	**Instrument ID**	: PAH22
Extraction Method	: EPA 3570	**GC Column**	: RTX-5
Extract Volume	: 4000 uL	**%Solids**	: 98
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	6.87	1.75	U

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 15:40
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: F2207161915	**Analyst**	: MA
Sample Amount	: 5.205 g	**Instrument ID**	: PAH22
Extraction Method	: EPA 3570	**GC Column**	: RTX-5
Extract Volume	: 4000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	8.81	2.25	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 00:17
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190714a-15	Analyst	: AWS
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/18/19 06:21
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 21190717a-96	Analyst	: HT
Sample Amount	: 15.61 g	Instrument ID	: PEST21
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	32.8	2.91	U
11104-28-2	Aroclor 1221	ND	32.8	3.28	U
11141-16-5	Aroclor 1232	ND	32.8	6.95	U
53469-21-9	Aroclor 1242	ND	32.8	4.42	U
12672-29-6	Aroclor 1248	7.24	32.8	4.92	J
11097-69-1	Aroclor 1254	ND	32.8	3.59	U
11096-82-5	Aroclor 1260	ND	32.8	6.06	U
37324-23-5	Aroclor 1262	ND	32.8	4.16	U
11100-14-4	Aroclor 1268	ND	32.8	3.40	U
1336-36-3	PCBs, Total	7.24	32.8	2.91	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/18/19 05:44
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 21190717a-93	Analyst	: HT
Sample Amount	: 15.79 g	Instrument ID	: PEST21
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	36.3	3.22	U
11104-28-2	Aroclor 1221	ND	36.3	3.64	U
11141-16-5	Aroclor 1232	ND	36.3	7.70	U
53469-21-9	Aroclor 1242	ND	36.3	4.90	U
12672-29-6	Aroclor 1248	ND	36.3	5.45	U
11097-69-1	Aroclor 1254	ND	36.3	3.97	U
11096-82-5	Aroclor 1260	ND	36.3	6.71	U
37324-23-5	Aroclor 1262	ND	36.3	4.61	U
11100-14-4	Aroclor 1268	ND	36.3	3.76	U
1336-36-3	PCBs, Total	ND	36.3	3.22	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/22/19 10:50
Sample Matrix	: WATER	Date Extracted	: 07/12/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190722a-06	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/22/19 10:50
Sample Matrix	: WATER	**Date Extracted**	: 07/12/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 10190722a-06	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST10
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/23/19 10:35
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190723a-12	Analyst	: BM
Sample Amount	: 15.28 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 98
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.61	0.315	U
58-89-9	Lindane	ND	0.670	0.299	U
319-84-6	Alpha-BHC	ND	0.670	0.190	U
319-85-7	Beta-BHC	ND	1.61	0.610	U
76-44-8	Heptachlor	ND	0.804	0.360	U
309-00-2	Aldrin	ND	1.61	0.566	U
1024-57-3	Heptachlor epoxide	ND	3.01	0.904	U
72-20-8	Endrin	ND	0.670	0.275	U
7421-93-4	Endrin aldehyde	ND	2.01	0.703	U
53494-70-5	Endrin ketone	ND	1.61	0.414	U
60-57-1	Dieldrin	ND	1.00	0.502	U
72-54-8	4,4'-DDD	ND	1.61	0.573	U
50-29-3	4,4'-DDT	1.34	3.01	1.29	J
959-98-8	Endosulfan I	ND	1.61	0.380	U
33213-65-9	Endosulfan II	ND	1.61	0.537	U
1031-07-8	Endosulfan sulfate	ND	0.670	0.319	U
72-43-5	Methoxychlor	ND	3.01	0.938	U
8001-35-2	Toxaphene	ND	30.1	8.44	U
5103-71-9	cis-Chlordane	ND	2.01	0.560	U
5103-74-2	trans-Chlordane	ND	2.01	0.530	U
57-74-9	Chlordane	ND	13.1	5.32	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/23/19 10:35
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 10190723a-12	**Analyst**	: BM
Sample Amount	: 15.28 g	**Instrument ID**	: PEST10
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticidesII
Extract Volume	: 10000 uL	**%Solids**	: 98
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72-55-9	4,4'-DDE	0.453	1.61	0.372	J

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/19/19 18:14
Sample Matrix	: SOIL	Date Extracted	: 07/16/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15190719a-42	Analyst	: SL
Sample Amount	: 15.88 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.73	0.339	U
58-89-9	Lindane	ND	0.722	0.323	U
319-84-6	Alpha-BHC	ND	0.722	0.205	U
319-85-7	Beta-BHC	ND	1.73	0.657	U
76-44-8	Heptachlor	ND	0.866	0.388	U
309-00-2	Aldrin	ND	1.73	0.610	U
1024-57-3	Heptachlor epoxide	ND	3.25	0.975	U
72-20-8	Endrin	ND	0.722	0.296	U
7421-93-4	Endrin aldehyde	ND	2.17	0.758	U
53494-70-5	Endrin ketone	ND	1.73	0.446	U
60-57-1	Dieldrin	ND	1.08	0.542	U
72-55-9	4,4'-DDE	ND	1.73	0.401	U
72-54-8	4,4'-DDD	ND	1.73	0.618	U
50-29-3	4,4'-DDT	ND	3.25	1.39	U
959-98-8	Endosulfan I	ND	1.73	0.409	U
33213-65-9	Endosulfan II	ND	1.73	0.579	U
1031-07-8	Endosulfan sulfate	ND	0.722	0.344	U
72-43-5	Methoxychlor	ND	3.25	1.01	U
8001-35-2	Toxaphene	ND	32.5	9.10	U
5103-71-9	cis-Chlordane	ND	2.17	0.604	U
5103-74-2	trans-Chlordane	ND	2.17	0.572	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/19/19 18:14
Sample Matrix	: SOIL	**Date Extracted**	: 07/16/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 15190719a-42	**Analyst**	: SL
Sample Amount	: 15.88 g	**Instrument ID**	: PEST15
Extraction Method	: EPA 3546	**GC Column**	: CLPPesticides
Extract Volume	: 10000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	14.1	5.74	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:58
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1260300.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.281g	%Solids	: 98
Digestion Method	: EPA 3050B	Date Digested	: 07/15/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6660	7.99	2.16	J
7440-36-0	Antimony, Total	ND	4.00	0.304	U
7440-38-2	Arsenic, Total	0.711	0.799	0.166	J
7440-39-3	Barium, Total	136	0.799	0.139	
7440-41-7	Beryllium, Total	ND	0.400	0.026	U
7440-43-9	Cadmium, Total	0.208	0.799	0.078	J
7440-70-2	Calcium, Total	11900	7.99	2.80	
7440-47-3	Chromium, Total	25.9	0.799	0.077	
7440-48-4	Cobalt, Total	9.58	1.60	0.133	
7440-50-8	Copper, Total	24.0	0.799	0.206	
7439-89-6	Iron, Total	13700	4.00	0.722	
7439-92-1	Lead, Total	24.3	4.00	0.214	
7439-95-4	Magnesium, Total	8350	7.99	1.23	J
7439-96-5	Manganese, Total	179	0.799	0.127	
7440-02-0	Nickel, Total	19.7	2.00	0.193	
7440-09-7	Potassium, Total	3480	200	11.5	J
7782-49-2	Selenium, Total	ND	1.60	0.206	U
7440-22-4	Silver, Total	ND	0.799	0.226	U
7440-23-5	Sodium, Total	99.9	160	2.52	J
7440-28-0	Thallium, Total	ND	1.60	0.252	U
7440-62-2	Vanadium, Total	29.3	0.799	0.162	
7440-66-6	Zinc, Total	55.2	4.00	0.234	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-03	Date Collected	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 18:20
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1260300.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.281g	%Solids	: 87
Digestion Method	: EPA 3050B	Date Digested	: 07/15/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5260	8.95	2.42	J
7440-36-0	Antimony, Total	ND	4.48	0.340	U
7440-38-2	Arsenic, Total	ND	0.895	0.186	U
7440-39-3	Barium, Total	60.9	0.895	0.156	
7440-41-7	Beryllium, Total	ND	0.448	0.030	U
7440-43-9	Cadmium, Total	0.161	0.895	0.088	J
7440-70-2	Calcium, Total	1170	8.95	3.13	
7440-47-3	Chromium, Total	14.7	0.895	0.086	
7440-48-4	Cobalt, Total	7.94	1.79	0.149	
7440-50-8	Copper, Total	17.1	0.895	0.231	
7439-89-6	Iron, Total	11400	4.48	0.808	
7439-92-1	Lead, Total	3.54	4.48	0.240	J
7439-95-4	Magnesium, Total	3410	8.95	1.38	J
7439-96-5	Manganese, Total	137	0.895	0.142	
7440-02-0	Nickel, Total	14.1	2.24	0.217	
7440-09-7	Potassium, Total	2210	224	12.9	J
7782-49-2	Selenium, Total	0.233	1.79	0.231	J
7440-22-4	Silver, Total	ND	0.895	0.253	U
7440-23-5	Sodium, Total	93.3	179	2.82	J
7440-28-0	Thallium, Total	ND	1.79	0.282	U
7440-62-2	Vanadium, Total	23.8	0.895	0.182	
7440-66-6	Zinc, Total	37.2	4.48	0.262	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-01	Date Collected	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/16/19 15:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1260290.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 07/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.00423	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00049	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	0.0318	0.0700	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00800	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 22:46
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1259920	**Instrument ID**	: FIMS4
Sample Amount	: 0.392g	**%Solids**	: 98
Digestion Method	: EPA 7471B	**Date Digested**	: 07/15/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.065	0.043	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 22:38
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1259920	**Instrument ID**	: FIMS4
Sample Amount	: 0.398g	**%Solids**	: 87
Digestion Method	: EPA 7471B	**Date Digested**	: 07/15/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.072	0.047	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1259826-1	**Date Collected**	: NA
Client ID	: WG1259826-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/15/19 22:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: GD
Lab File ID	: WG1259920	**Instrument ID**	: FIMS4
Sample Amount	: 0.3g	**%Solids**	: NA
Digestion Method	: EPA 7471B	**Date Digested**	: 07/15/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.083	0.054	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/16/19 20:21
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1260477.pdf	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 07/16/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/12/19 13:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_7-12-2019_01-14-00PM.c	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 07/12/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1930169
Project Name	: 31ST DRIVE	Project Number	: 11845
Lab ID	: L1930169-02	Date Collected	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	Date Received	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	Date Analyzed	: 07/15/19 13:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_7-15-2019_12-37-28PM	Instrument ID	: LACHAT
Sample Amount	: 1.0576g	%Solids	: 98
Digestion Method	:	Date Digested	: 07/14/19

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.97	0.20	U J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/15/19 13:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_7-15-2019_12-37-28PM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0772g	**%Solids**	: 87
Digestion Method	:	**Date Digested**	: 07/14/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.1	0.22	U J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-01	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/11/19 05:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1258430.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 07/11/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1258430-1	**Date Collected**	: NA
Client ID	: WG1258430-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/11/19 05:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1258430.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 07/11/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1258430-3	**Date Collected**	: 07/10/19 07:00
Client ID	: FIELD BLANK EQ-9DUP	**Date Received**	: 07/10/19
Sample Location	:	**Date Analyzed**	: 07/11/19 05:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: JW
Lab File ID	: WG1258430.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 07/11/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-02	**Date Collected**	: 07/10/19 07:35
Client ID	: SB-22 (0-2)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/12/19 22:30
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: AJ
Lab File ID	: WG1258899.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.4944g	**%Solids**	: 98
Digestion Method	: EPA 3060A	**Date Digested**	: 07/11/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.174	0.819	0.164	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1930169
Project Name	: 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1930169-03	**Date Collected**	: 07/10/19 07:50
Client ID	: SB-22 (9.5-10)	**Date Received**	: 07/10/19
Sample Location	: 11-35 31ST DRIVE	**Date Analyzed**	: 07/12/19 22:30
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: AJ
Lab File ID	: WG1258899.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 2.5202g	**%Solids**	: 87
Digestion Method	: EPA 3060A	**Date Digested**	: 07/11/19

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.917	0.183	U

ATTACHMENT B

CASE NARRATIVE & COC

Project Name: 31ST DRIVE
Project Number: 11845

Lab Number: L1930169
Report Date: 07/23/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1930169-01	FIELD BLANK EQ-9	WATER	11-35 31ST DRIVE	07/10/19 07:00	07/10/19
L1930169-02	SB-22 (0-2)	SOIL	11-35 31ST DRIVE	07/10/19 07:35	07/10/19
L1930169-03	SB-22 (9.5-10)	SOIL	11-35 31ST DRIVE	07/10/19 07:50	07/10/19
L1930169-04	SB-22 (18.5-19)	SOIL	11-35 31ST DRIVE	07/10/19 10:45	07/10/19
L1930169-05	TRIP BLANK	WATER	11-35 31ST DRIVE	07/10/19 00:00	07/10/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1930169-02 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.
L1930169-02: Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Semivolatile Organics

The WG1260279-4/-5 MS/MSD recoveries, performed on L1930169-03, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentrations of these compounds falling below the reported detection limits.

Total Metals

L1930169-02 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
The WG1260107-3/-4 MS/MSD recoveries for aluminum (197%/0%) and iron (437%/0%), performed on L1930169-03, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1260107-3/-4 MS/MSD recoveries, performed on L1930169-03, are outside the acceptance criteria for calcium (MS at 127%), copper (MSD at 132%), magnesium (126%/3%), manganese (MSD at 47%) and potassium (64%/11%). A post digestion spike was performed and was within acceptance criteria.
The WG1260107-3/-4 MS/MSD RPDs for aluminum (30%) and magnesium (28%), performed on L1930169-03, are above the acceptance criteria.

Case Narrative (continued)

Cyanide, Total

The WG1258536-2/-3 LCS/LCSD recoveries (59%/68%), associated with L1930169-02 and -03, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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 Report Date: 07/23/19

Title: Technical Director/Representative

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

NEW YORK CHAIN OF CUSTODY

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

Page 1 of 2

Date Rec'd in Lab: 7/11/19

ALPHA Job #: L1930169

Client Information

Client: Impact
Address: 170 Keyland Ct.
Phone: 631-269-8500
Fax:
Email: lrobertson@impactenv.com

Project Information

Project Name: 31st Drive
Project Location: 11-35 31st Drive
Project #: 11845
(Use Project name as Project #): ☐
Project Manager: Julie
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

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 specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's + TICs	TCL SVOC's + TICs	TCL Pesticides + PCB	TAL Metals + Cyanide + Hexachromium	1,4 Dioxane				Total Bottle
30169-01	Field Blank EQ-9	7/10	700	L	LR	x	x	x	x	x	x			
02	SB-22 (0-2)	7/10	735	S	LR	x	x	x	x	x	x			
03	SB-22 (9.5-10)	7/10	750	S	LR	x	x	x	x	x	x			
04	SB-22 (18.5-19)	7/10	1045	S	LR	x								
05	Trip Blank	7/10	—	L	—	x	x	x	x	x	x			

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

Sample Specific Comments

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

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

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

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	7/10/19 1540		7/10/19 1650
	7/10/19 1930		7/11/19 0200
	7/11/19 0110		7/11/19 230

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)

DATA USABILITY SUMMARY REPORT

For

31st Drive

GROUNDWATER SAMPLES

Organics

SDG No L1936459

Sampling Date: August 13, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental hccupational & Public Health Consultants Inc (EOPHC)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Site: 31st Drive SDG #: L1936459

Client: Impact Environmental Date: August 23, 2019

Laboratory: Alpha Analytical Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs
MW-1S	L1936459-01	Aqueous	X
MW-1D	L1936459-02	Aqueous	X
MW-2S	L1936459-03	Aqueous	X
MW-2D	L1936459-04	Aqueous	X
MW-3S	L1936459-05	Aqueous	X
MW-3D	L1936459-06	Aqueous	X
MW-4S	L1936459-07	Aqueous	X
MW-4D	L1936459-08	Aqueous	X
MW-5S	L1936459-09	Aqueous	X
MW-5D	L1936459-10	Aqueous	X
MW-6S	L1936459-11	Aqueous	X
MW-6D	L1936459-12	Aqueous	X
MW-7S	L1936459-13	Aqueous	X
MW-7I	L1936459-14	Aqueous	X
MW-7D	L1936459-15	Aqueous	X
MW-8S	L1936459-16	Aqueous	X
MW-8D	L1936459-17	Aqueous	X
MW-9S	L1936459-18	Aqueous	X
MW-9I	L1936459-19	Aqueous	X
MW-9D	L1936459-20	Aqueous	X
MW-10S	L1936459-21	Aqueous	X
MW-10I	L1936459-22	Aqueous	X
MW-10D	L1936459-23	Aqueous	X
FIELD BLANK-EQ-GW-1	L1936459-24	Aqueous	X
FIELD BLANK-EQ-GW-2	L1936459-25	Aqueous	X
TRIP BLANK	L1936459-26	Aqueous	X

The data packages contained twenty three (23) groundwater samples, two (2) field blanks, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated:

blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All groundwater samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: No blank contamination was present.

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1936459-02, L1936459-05, L1936459-06	Bromomethane, Acetone, Acrylonitrile, Vinyl acetate, 2-Butanone, 1,2,3-Trichloropropane, Hexachlorobutadiene	UJ, J
L1936459-09, L1936459-16, L1936459-18	Acetone, 2-Butanone, Naphthlane	UJ, J
L1936459-01, L1936459-03, L1936459-04, L1936459-07, L1936459-10, L1936459-11, L1936459-12, L1936459-13, L1936459-15, L1936459-17	1,1,2-trichloroethane, Trichlorofluoromethane, trans 1,3-Dichloropropene, 1,1,2,2-Tetrachloroethane, Bromomethane, 1,2,3-Trichloropropane, Acrylonitrile, Dichlorodifluromethane, Acetone, Vinyl acetate, 1,3-Dichloropropane, Hexachlorobutadiene	UJ, J
L1936459-08, L1936459-14	1,2-Dichloroethane, 1,1,1-Trichloroethane, cis 1,3-Dichloropropene, Chloromethane, Vinyl chloride, Acrylonitrile, Dichlorodifluromethane, Acetone, 2-Butanone, 2,2-Dichloropropane, sec-butylbenzene, Hexachlorobutadiene	UJ, J
L1936459-19, L1936459-20, L1936459-21, L1936459-22, L1936459-23	Acetone, trans 1,4-Dichloro-2-butene	UJ

Sample Identification	Compound	Qualifier
L1936459-01, L1936459-02, L1936459-03, L1936459-04, L1936459-05, L1936459-06, L1936459-07, L1936459-08, L1936459-09, L1936459-10, L1936459-11, L1936459-12, L1936459-13, L1936459-14, L1936459-15, L1936459-16, L1936459-17, L1936459-18, L1936459-19, L1936459-20, L1936459-21, L1936459-22, L1936459-23	1,4-Dioxane	R

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCS/LSCD): Although, some LCS/LCSD results were outside the acceptance criteria, all affected sample results have been previously qualified due to calibration deficiency; thus further qualification was not required.

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The tetrachloroethene results for L1936459-13, L1936459-18, L1936459-19, and L1936459-22 should be considered rejected (R) due to exceeding the calibration range in the lowest dilution analyses; the tetrachloroethene result from higher diluted analyses should be used. All tentatively identified compounds (TICs) are considered “tentatively identified” and are estimated (NJ, J).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A07	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U UJ
127-18-4	Tetrachloroethene	150	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U UJ
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U UJ
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A07	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.5	0.70	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	0.62	0.50	0.18		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
1330-20-7	Xylenes, Total	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U	
74-95-3	Dibromomethane	ND	5.0	1.0	U	
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U	UJ
107-13-1	Acrylonitrile	ND	5.0	1.5	U	UJ
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	UJ
67-64-1	Acetone	7.6	5.0	1.5		UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-05-4	Vinyl acetate	ND	5.0	1.0	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A07	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U	UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U	
108-86-1	Bromobenzene	ND	2.5	0.70	U	
104-51-8	n-Butylbenzene	ND	2.5	0.70	U	
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U	
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U	
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U	
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U	UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U	
91-20-3	Naphthalene	ND	2.5	0.70	U	
103-65-1	n-Propylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U	
60-29-7	Ethyl ether	ND	2.5	0.70	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A07	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A07	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 12:01
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	340	2.0	0.72	
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
542-75-6	1,3-Dichloropropene, Total	ND	2.0	0.58	U
563-58-6	1,1-Dichloropropene	ND	10	2.8	U
75-25-2	Bromoform	ND	8.0	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	ND	2.0	0.64	U
108-88-3	Toluene	ND	10	2.8	U
100-41-4	Ethylbenzene	ND	10	2.8	U
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND	10	2.8	U UJ
75-01-4	Vinyl chloride	ND	4.0	0.28	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 12:01
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	4.7	2.0	0.70	
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	ND	10	2.8	U
179601-23-1	p/m-Xylene	ND	10	2.8	U
95-47-6	o-Xylene	ND	10	2.8	U
1330-20-7	Xylenes, Total	ND	10	2.8	U
156-59-2	cis-1,2-Dichloroethene	ND	10	2.8	U
540-59-0	1,2-Dichloroethene, Total	ND	10	2.8	U
74-95-3	Dibromomethane	ND	20	4.0	U
96-18-4	1,2,3-Trichloropropane	ND	10	2.8	U UJ
107-13-1	Acrylonitrile	ND	20	6.0	U UJ
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U
67-64-1	Acetone	16	20	5.8	J J
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	ND	20	7.8	U UJ
108-05-4	Vinyl acetate	ND	20	4.0	U UJ
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U
591-78-6	2-Hexanone	ND	20	4.0	U
74-97-5	Bromochloromethane	ND	10	2.8	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 12:01
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	10	2.8	U	
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U	
142-28-9	1,3-Dichloropropane	ND	10	2.8	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	2.8	U	
108-86-1	Bromobenzene	ND	10	2.8	U	
104-51-8	n-Butylbenzene	ND	10	2.8	U	
135-98-8	sec-Butylbenzene	ND	10	2.8	U	
98-06-6	tert-Butylbenzene	ND	10	2.8	U	
95-49-8	o-Chlorotoluene	ND	10	2.8	U	
106-43-4	p-Chlorotoluene	ND	10	2.8	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U	
87-68-3	Hexachlorobutadiene	ND	10	2.8	U	UJ
98-82-8	Isopropylbenzene	ND	10	2.8	U	
99-87-6	p-Isopropyltoluene	ND	10	2.8	U	
91-20-3	Naphthalene	ND	10	2.8	U	
103-65-1	n-Propylbenzene	ND	10	2.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	10	2.8	U	
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U	
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.8	U	
95-63-6	1,2,4-Trimethylbenzene	ND	10	2.8	U	
123-91-1	1,4-Dioxane	ND	1000	240	U	R
105-05-5	p-Diethylbenzene	ND	8.0	2.8	U	
622-96-8	p-Ethyltoluene	ND	8.0	2.8	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	8.0	2.2	U	
60-29-7	Ethyl ether	ND	10	2.8	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 12:01
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	10	2.8	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 12:01
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-03D	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:27
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U UJ
127-18-4	Tetrachloroethene	1400	5.0	1.8	
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U UJ
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U
563-58-6	1,1-Dichloropropene	ND	25	7.0	U
75-25-2	Bromoform	ND	20	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U UJ
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	U UJ
75-01-4	Vinyl chloride	ND	10	0.71	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-03D	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:27
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	14	5.0	1.8	
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
1330-20-7	Xylenes, Total	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	ND	25	7.0	U
540-59-0	1,2-Dichloroethene, Total	ND	25	7.0	U
74-95-3	Dibromomethane	ND	50	10.	U
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U UJ
107-13-1	Acrylonitrile	ND	50	15.	U UJ
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U UJ
67-64-1	Acetone	ND	50	15.	U UJ
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U
108-05-4	Vinyl acetate	ND	50	10.	U UJ
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-03D	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:27
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	25	7.0	U	
106-93-4	1,2-Dibromoethane	ND	20	6.5	U	
142-28-9	1,3-Dichloropropane	ND	25	7.0	U	UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U	
108-86-1	Bromobenzene	ND	25	7.0	U	
104-51-8	n-Butylbenzene	ND	25	7.0	U	
135-98-8	sec-Butylbenzene	ND	25	7.0	U	
98-06-6	tert-Butylbenzene	ND	25	7.0	U	
95-49-8	o-Chlorotoluene	ND	25	7.0	U	
106-43-4	p-Chlorotoluene	ND	25	7.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U	
87-68-3	Hexachlorobutadiene	ND	25	7.0	U	UJ
98-82-8	Isopropylbenzene	ND	25	7.0	U	
99-87-6	p-Isopropyltoluene	ND	25	7.0	U	
91-20-3	Naphthalene	ND	25	7.0	U	
103-65-1	n-Propylbenzene	ND	25	7.0	U	
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U	
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U	
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U	
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U	
123-91-1	1,4-Dioxane	ND	2500	610	U	R
105-05-5	p-Diethylbenzene	ND	20	7.0	U	
622-96-8	p-Ethyltoluene	ND	20	7.0	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U	
60-29-7	Ethyl ether	ND	25	7.0	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-03D	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:27
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A09	Instrument ID	: ELAINE
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-03D	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 22:27
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A09	**Instrument ID**	: ELAINE
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-04D	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:05
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A10	Instrument ID	: ELAINE
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U UJ
127-18-4	Tetrachloroethene	280	1.0	0.36	
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U UJ
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.29	U
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U UJ
71-43-2	Benzene	ND	1.0	0.32	U
108-88-3	Toluene	ND	5.0	1.4	U
100-41-4	Ethylbenzene	ND	5.0	1.4	U
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U UJ
75-01-4	Vinyl chloride	ND	2.0	0.14	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-04D	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:05
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A10	Instrument ID	: ELAINE
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	5.0	1.4	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.34	U
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.4	U
79-01-6	Trichloroethene	3.3	1.0	0.35	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	ND	5.0	1.4	U
179601-23-1	p/m-Xylene	ND	5.0	1.4	U
95-47-6	o-Xylene	ND	5.0	1.4	U
1330-20-7	Xylenes, Total	ND	5.0	1.4	U
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.4	U
540-59-0	1,2-Dichloroethene, Total	ND	5.0	1.4	U
74-95-3	Dibromomethane	ND	10	2.0	U
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.4	U UJ
107-13-1	Acrylonitrile	ND	10	3.0	U UJ
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U UJ
67-64-1	Acetone	18	10	2.9	J
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U
108-05-4	Vinyl acetate	ND	10	2.0	U UJ
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U
591-78-6	2-Hexanone	ND	10	2.0	U
74-97-5	Bromochloromethane	ND	5.0	1.4	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-04D	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:05
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A10	Instrument ID	: ELAINE
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	5.0	1.4	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U
142-28-9	1,3-Dichloropropane	ND	5.0	1.4	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.4	U
108-86-1	Bromobenzene	ND	5.0	1.4	U
104-51-8	n-Butylbenzene	ND	5.0	1.4	U
135-98-8	sec-Butylbenzene	ND	5.0	1.4	U
98-06-6	tert-Butylbenzene	ND	5.0	1.4	U
95-49-8	o-Chlorotoluene	ND	5.0	1.4	U
106-43-4	p-Chlorotoluene	ND	5.0	1.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U
87-68-3	Hexachlorobutadiene	ND	5.0	1.4	U UJ
98-82-8	Isopropylbenzene	ND	5.0	1.4	U
99-87-6	p-Isopropyltoluene	ND	5.0	1.4	U
91-20-3	Naphthalene	ND	5.0	1.4	U
103-65-1	n-Propylbenzene	ND	5.0	1.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.4	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.4	U
123-91-1	1,4-Dioxane	ND	500	120	U R
105-05-5	p-Diethylbenzene	ND	4.0	1.4	U
622-96-8	p-Ethyltoluene	ND	4.0	1.4	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.0	1.1	U
60-29-7	Ethyl ether	ND	5.0	1.4	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-04D	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:05
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A10	Instrument ID	: ELAINE
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-04D	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 23:05
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A10	**Instrument ID**	: ELAINE
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-05D	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 13:51
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	4200	25	9.0	
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.2	U
563-58-6	1,1-Dichloropropene	ND	120	35.	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U UJ
75-01-4	Vinyl chloride	ND	50	3.6	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-05D	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 13:51
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	120	35.	U	
75-35-4	1,1-Dichloroethene	ND	25	8.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U	
79-01-6	Trichloroethene	13	25	8.8	J	
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U	
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U	
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U	
1634-04-4	Methyl tert butyl ether	ND	120	35.	U	
179601-23-1	p/m-Xylene	ND	120	35.	U	
95-47-6	o-Xylene	ND	120	35.	U	
1330-20-7	Xylenes, Total	ND	120	35.	U	
156-59-2	cis-1,2-Dichloroethene	ND	120	35.	U	
540-59-0	1,2-Dichloroethene, Total	ND	120	35.	U	
74-95-3	Dibromomethane	ND	250	50.	U	
96-18-4	1,2,3-Trichloropropane	ND	120	35.	U	UJ
107-13-1	Acrylonitrile	ND	250	75.	U	UJ
100-42-5	Styrene	ND	120	35.	U	
75-71-8	Dichlorodifluoromethane	ND	250	50.	U	
67-64-1	Acetone	ND	250	73.	U	UJ
75-15-0	Carbon disulfide	ND	250	50.	U	
78-93-3	2-Butanone	ND	250	97.	U	UJ
108-05-4	Vinyl acetate	ND	250	50.	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U	
591-78-6	2-Hexanone	ND	250	50.	U	
74-97-5	Bromochloromethane	ND	120	35.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-05D	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 13:51
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
142-28-9	1,3-Dichloropropane	ND	120	35.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	120	35.	U
108-86-1	Bromobenzene	ND	120	35.	U
104-51-8	n-Butylbenzene	ND	120	35.	U
135-98-8	sec-Butylbenzene	ND	120	35.	U
98-06-6	tert-Butylbenzene	ND	120	35.	U
95-49-8	o-Chlorotoluene	ND	120	35.	U
106-43-4	p-Chlorotoluene	ND	120	35.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U
87-68-3	Hexachlorobutadiene	ND	120	35.	U UJ
98-82-8	Isopropylbenzene	ND	120	35.	U
99-87-6	p-Isopropyltoluene	ND	120	35.	U
91-20-3	Naphthalene	ND	120	35.	U
103-65-1	n-Propylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	35.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	35.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U R
105-05-5	p-Diethylbenzene	ND	100	35.	U
622-96-8	p-Ethyltoluene	ND	100	35.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	27.	U
60-29-7	Ethyl ether	ND	120	35.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-05D	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 13:51
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	120	35.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-05D	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 13:51
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190815A12	**Instrument ID**	: ELAINE
Sample Amount	: 0.2 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-06D	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 14:28
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A13	Instrument ID	: ELAINE
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	440	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
542-75-6	1,3-Dichloropropene, Total	ND	2.5	0.72	U
563-58-6	1,1-Dichloropropene	ND	12	3.5	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U UJ
75-01-4	Vinyl chloride	ND	5.0	0.36	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-06D	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 14:28
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A13	Instrument ID	: ELAINE
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	12	3.5	U	
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U	
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U	
79-01-6	Trichloroethene	5.0	2.5	0.88		
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U	
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U	
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U	
1634-04-4	Methyl tert butyl ether	ND	12	3.5	U	
179601-23-1	p/m-Xylene	ND	12	3.5	U	
95-47-6	o-Xylene	ND	12	3.5	U	
1330-20-7	Xylenes, Total	ND	12	3.5	U	
156-59-2	cis-1,2-Dichloroethene	11	12	3.5	J	
540-59-0	1,2-Dichloroethene, Total	11	12	3.5	J	
74-95-3	Dibromomethane	ND	25	5.0	U	
96-18-4	1,2,3-Trichloropropane	ND	12	3.5	U	UJ
107-13-1	Acrylonitrile	ND	25	7.5	U	UJ
100-42-5	Styrene	ND	12	3.5	U	
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U	
67-64-1	Acetone	ND	25	7.3	U	UJ
75-15-0	Carbon disulfide	ND	25	5.0	U	
78-93-3	2-Butanone	ND	25	9.7	U	UJ
108-05-4	Vinyl acetate	ND	25	5.0	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U	
591-78-6	2-Hexanone	ND	25	5.0	U	
74-97-5	Bromochloromethane	ND	12	3.5	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-06D	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 14:28
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A13	Instrument ID	: ELAINE
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	12	3.5	U	
106-93-4	1,2-Dibromoethane	ND	10	3.2	U	
142-28-9	1,3-Dichloropropane	ND	12	3.5	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	12	3.5	U	
108-86-1	Bromobenzene	ND	12	3.5	U	
104-51-8	n-Butylbenzene	ND	12	3.5	U	
135-98-8	sec-Butylbenzene	ND	12	3.5	U	
98-06-6	tert-Butylbenzene	ND	12	3.5	U	
95-49-8	o-Chlorotoluene	ND	12	3.5	U	
106-43-4	p-Chlorotoluene	ND	12	3.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U	
87-68-3	Hexachlorobutadiene	ND	12	3.5	U	UJ
98-82-8	Isopropylbenzene	ND	12	3.5	U	
99-87-6	p-Isopropyltoluene	ND	12	3.5	U	
91-20-3	Naphthalene	ND	12	3.5	U	
103-65-1	n-Propylbenzene	ND	12	3.5	U	
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U	
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U	
108-67-8	1,3,5-Trimethylbenzene	ND	12	3.5	U	
95-63-6	1,2,4-Trimethylbenzene	ND	12	3.5	U	
123-91-1	1,4-Dioxane	ND	1200	300	U	R
105-05-5	p-Diethylbenzene	ND	10	3.5	U	
622-96-8	p-Ethyltoluene	ND	10	3.5	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	10	2.7	U	
60-29-7	Ethyl ether	ND	12	3.5	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-06D	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 14:28
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VE190815A13	Instrument ID	: ELAINE
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	12	3.5	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-06D	**Date Collected**	: 08/13/19 09:35
Client ID	: MW-3D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 14:28
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VE190815A13	**Instrument ID**	: ELAINE
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-07D	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 00:18
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U UJ
127-18-4	Tetrachloroethene	4000	25	9.0	
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U UJ
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.2	U
563-58-6	1,1-Dichloropropene	ND	120	35.	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U UJ
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U UJ
75-01-4	Vinyl chloride	ND	50	3.6	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-07D	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 00:18
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	120	35.	U	
75-35-4	1,1-Dichloroethene	ND	25	8.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U	
79-01-6	Trichloroethene	9.6	25	8.8	J	
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U	
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U	
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U	
1634-04-4	Methyl tert butyl ether	ND	120	35.	U	
179601-23-1	p/m-Xylene	ND	120	35.	U	
95-47-6	o-Xylene	ND	120	35.	U	
1330-20-7	Xylenes, Total	ND	120	35.	U	
156-59-2	cis-1,2-Dichloroethene	ND	120	35.	U	
540-59-0	1,2-Dichloroethene, Total	ND	120	35.	U	
74-95-3	Dibromomethane	ND	250	50.	U	
96-18-4	1,2,3-Trichloropropane	ND	120	35.	U	UJ
107-13-1	Acrylonitrile	ND	250	75.	U	UJ
100-42-5	Styrene	ND	120	35.	U	
75-71-8	Dichlorodifluoromethane	ND	250	50.	U	UJ
67-64-1	Acetone	ND	250	73.	U	UJ
75-15-0	Carbon disulfide	ND	250	50.	U	
78-93-3	2-Butanone	ND	250	97.	U	
108-05-4	Vinyl acetate	ND	250	50.	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U	
591-78-6	2-Hexanone	ND	250	50.	U	
74-97-5	Bromochloromethane	ND	120	35.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-07D	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 00:18
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A12	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
142-28-9	1,3-Dichloropropane	ND	120	35.	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	120	35.	U
108-86-1	Bromobenzene	ND	120	35.	U
104-51-8	n-Butylbenzene	ND	120	35.	U
135-98-8	sec-Butylbenzene	ND	120	35.	U
98-06-6	tert-Butylbenzene	ND	120	35.	U
95-49-8	o-Chlorotoluene	ND	120	35.	U
106-43-4	p-Chlorotoluene	ND	120	35.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U
87-68-3	Hexachlorobutadiene	ND	120	35.	U UJ
98-82-8	Isopropylbenzene	ND	120	35.	U
99-87-6	p-Isopropyltoluene	ND	120	35.	U
91-20-3	Naphthalene	ND	120	35.	U
103-65-1	n-Propylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	35.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	35.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U R
105-05-5	p-Diethylbenzene	ND	100	35.	U
622-96-8	p-Ethyltoluene	ND	100	35.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	27.	U
60-29-7	Ethyl ether	ND	120	35.	U

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-07D	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 00:18
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A12	**Instrument ID**	: ELAINE
Sample Amount	: 0.2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	120	35.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-07D	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 00:18
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A12	**Instrument ID**	: ELAINE
Sample Amount	: 0.2 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-08D	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:29
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A06	Instrument ID	: VOA122
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	25	7.0	U	
75-34-3	1,1-Dichloroethane	ND	25	7.0	U	
67-66-3	Chloroform	ND	25	7.0	U	
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U	
78-87-5	1,2-Dichloropropane	ND	10	1.4	U	
124-48-1	Dibromochloromethane	ND	5.0	1.5	U	
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U	
127-18-4	Tetrachloroethene	1800	5.0	1.8		
108-90-7	Chlorobenzene	ND	25	7.0	U	
75-69-4	Trichlorofluoromethane	ND	25	7.0	U	
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U	UJ
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U	UJ
75-27-4	Bromodichloromethane	ND	5.0	1.9	U	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U	UJ
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U	
563-58-6	1,1-Dichloropropene	ND	25	7.0	U	
75-25-2	Bromoform	ND	20	6.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U	
71-43-2	Benzene	ND	5.0	1.6	U	
108-88-3	Toluene	ND	25	7.0	U	
100-41-4	Ethylbenzene	ND	25	7.0	U	
74-87-3	Chloromethane	ND	25	7.0	U	UJ
74-83-9	Bromomethane	ND	25	7.0	U	
75-01-4	Vinyl chloride	ND	10	0.71	U	UJ

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-08D	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:29
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A06	Instrument ID	: VOA122
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	3.7	5.0	1.8	J
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
1330-20-7	Xylenes, Total	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	ND	25	7.0	U
540-59-0	1,2-Dichloroethene, Total	ND	25	7.0	U
74-95-3	Dibromomethane	ND	50	10.	U
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U
107-13-1	Acrylonitrile	ND	50	15.	U UJ
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U UJ
67-64-1	Acetone	38	50	15.	J J
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U UJ
108-05-4	Vinyl acetate	ND	50	10.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-08D	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:29
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A06	Instrument ID	: VOA122
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	25	7.0	U UJ
106-93-4	1,2-Dibromoethane	ND	20	6.5	U
142-28-9	1,3-Dichloropropane	ND	25	7.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U
108-86-1	Bromobenzene	ND	25	7.0	U
104-51-8	n-Butylbenzene	ND	25	7.0	U
135-98-8	sec-Butylbenzene	ND	25	7.0	U UJ
98-06-6	tert-Butylbenzene	ND	25	7.0	U
95-49-8	o-Chlorotoluene	ND	25	7.0	U
106-43-4	p-Chlorotoluene	ND	25	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U
87-68-3	Hexachlorobutadiene	ND	25	7.0	U UJ
98-82-8	Isopropylbenzene	ND	25	7.0	U
99-87-6	p-Isopropyltoluene	ND	25	7.0	U
91-20-3	Naphthalene	ND	25	7.0	U
103-65-1	n-Propylbenzene	ND	25	7.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U
123-91-1	1,4-Dioxane	ND	2500	610	U R
105-05-5	p-Diethylbenzene	ND	20	7.0	U
622-96-8	p-Ethyltoluene	ND	20	7.0	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U
60-29-7	Ethyl ether	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-08D	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:29
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A06	Instrument ID	: VOA122
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-08D	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:29
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A06	Instrument ID	: VOA122
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-09D	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:02
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A08	Instrument ID	: GONZO
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	50	14.	U
75-34-3	1,1-Dichloroethane	ND	50	14.	U
67-66-3	Chloroform	ND	50	14.	U
56-23-5	Carbon tetrachloride	ND	10	2.7	U
78-87-5	1,2-Dichloropropane	ND	20	2.7	U
124-48-1	Dibromochloromethane	ND	10	3.0	U
79-00-5	1,1,2-Trichloroethane	ND	30	10.	U
127-18-4	Tetrachloroethene	1700	10	3.6	
108-90-7	Chlorobenzene	ND	50	14.	U
75-69-4	Trichlorofluoromethane	ND	50	14.	U
107-06-2	1,2-Dichloroethane	ND	10	2.6	U
71-55-6	1,1,1-Trichloroethane	ND	50	14.	U
75-27-4	Bromodichloromethane	ND	10	3.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.3	U
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.9	U
542-75-6	1,3-Dichloropropene, Total	ND	10	2.9	U
563-58-6	1,1-Dichloropropene	ND	50	14.	U
75-25-2	Bromoform	ND	40	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.3	U
71-43-2	Benzene	ND	10	3.2	U
108-88-3	Toluene	ND	50	14.	U
100-41-4	Ethylbenzene	ND	50	14.	U
74-87-3	Chloromethane	ND	50	14.	U
74-83-9	Bromomethane	ND	50	14.	U
75-01-4	Vinyl chloride	ND	20	1.4	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-09D	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:02
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A08	Instrument ID	: GONZO
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	50	14.	U
75-35-4	1,1-Dichloroethene	ND	10	3.4	U
156-60-5	trans-1,2-Dichloroethene	ND	50	14.	U
79-01-6	Trichloroethene	10	10	3.5	
95-50-1	1,2-Dichlorobenzene	ND	50	14.	U
541-73-1	1,3-Dichlorobenzene	ND	50	14.	U
106-46-7	1,4-Dichlorobenzene	ND	50	14.	U
1634-04-4	Methyl tert butyl ether	ND	50	14.	U
179601-23-1	p/m-Xylene	ND	50	14.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	18	50	14.	J
540-59-0	1,2-Dichloroethene, Total	18	50	14.	J
74-95-3	Dibromomethane	ND	100	20.	U
96-18-4	1,2,3-Trichloropropane	ND	50	14.	U
107-13-1	Acrylonitrile	ND	100	30.	U
100-42-5	Styrene	ND	50	14.	U
75-71-8	Dichlorodifluoromethane	ND	100	20.	U
67-64-1	Acetone	ND	100	29.	U UJ
75-15-0	Carbon disulfide	ND	100	20.	U
78-93-3	2-Butanone	ND	100	39.	U UJ
108-05-4	Vinyl acetate	ND	100	20.	U
108-10-1	4-Methyl-2-pentanone	ND	100	20.	U
591-78-6	2-Hexanone	ND	100	20.	U
74-97-5	Bromochloromethane	ND	50	14.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-09D	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:02
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A08	Instrument ID	: GONZO
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	50	14.	U
106-93-4	1,2-Dibromoethane	ND	40	13.	U
142-28-9	1,3-Dichloropropane	ND	50	14.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	14.	U
108-86-1	Bromobenzene	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	14.	U
135-98-8	sec-Butylbenzene	ND	50	14.	U
98-06-6	tert-Butylbenzene	ND	50	14.	U
95-49-8	o-Chlorotoluene	ND	50	14.	U
106-43-4	p-Chlorotoluene	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	14.	U
87-68-3	Hexachlorobutadiene	ND	50	14.	U
98-82-8	Isopropylbenzene	ND	50	14.	U
99-87-6	p-Isopropyltoluene	ND	50	14.	U
91-20-3	Naphthalene	ND	50	14.	U UJ
103-65-1	n-Propylbenzene	ND	50	14.	U
87-61-6	1,2,3-Trichlorobenzene	ND	50	14.	U
120-82-1	1,2,4-Trichlorobenzene	ND	50	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	50	14.	U
95-63-6	1,2,4-Trimethylbenzene	ND	50	14.	U
123-91-1	1,4-Dioxane	ND	5000	1200	U R
105-05-5	p-Diethylbenzene	ND	40	14.	U
622-96-8	p-Ethyltoluene	ND	40	14.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	40	11.	U
60-29-7	Ethyl ether	ND	50	14.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-09D	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:02
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A08	Instrument ID	: GONZO
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	50	14.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-09D	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 10:02
Sample Matrix	: WATER	**Dilution Factor**	: 20
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VG190815A08	**Instrument ID**	: GONZO
Sample Amount	: 0.5 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-10D	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 01:32
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A14	Instrument ID	: ELAINE
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	50	14.	U	
75-34-3	1,1-Dichloroethane	ND	50	14.	U	
67-66-3	Chloroform	ND	50	14.	U	
56-23-5	Carbon tetrachloride	ND	10	2.7	U	
78-87-5	1,2-Dichloropropane	ND	20	2.7	U	
124-48-1	Dibromochloromethane	ND	10	3.0	U	
79-00-5	1,1,2-Trichloroethane	ND	30	10.	U	UJ
127-18-4	Tetrachloroethene	1700	10	3.6		
108-90-7	Chlorobenzene	ND	50	14.	U	
75-69-4	Trichlorofluoromethane	ND	50	14.	U	UJ
107-06-2	1,2-Dichloroethane	ND	10	2.6	U	
71-55-6	1,1,1-Trichloroethane	ND	50	14.	U	
75-27-4	Bromodichloromethane	ND	10	3.8	U	
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.3	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.9	U	
542-75-6	1,3-Dichloropropene, Total	ND	10	2.9	U	
563-58-6	1,1-Dichloropropene	ND	50	14.	U	
75-25-2	Bromoform	ND	40	13.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.3	U	UJ
71-43-2	Benzene	ND	10	3.2	U	
108-88-3	Toluene	ND	50	14.	U	
100-41-4	Ethylbenzene	ND	50	14.	U	
74-87-3	Chloromethane	ND	50	14.	U	
74-83-9	Bromomethane	ND	50	14.	U	UJ
75-01-4	Vinyl chloride	ND	20	1.4	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-10D	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 01:32
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A14	Instrument ID	: ELAINE
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	50	14.	U
75-35-4	1,1-Dichloroethene	ND	10	3.4	U
156-60-5	trans-1,2-Dichloroethene	ND	50	14.	U
79-01-6	Trichloroethene	10	10	3.5	
95-50-1	1,2-Dichlorobenzene	ND	50	14.	U
541-73-1	1,3-Dichlorobenzene	ND	50	14.	U
106-46-7	1,4-Dichlorobenzene	ND	50	14.	U
1634-04-4	Methyl tert butyl ether	ND	50	14.	U
179601-23-1	p/m-Xylene	ND	50	14.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	22	50	14.	J
540-59-0	1,2-Dichloroethene, Total	22	50	14.	J
74-95-3	Dibromomethane	ND	100	20.	U
96-18-4	1,2,3-Trichloropropane	ND	50	14.	U UJ
107-13-1	Acrylonitrile	ND	100	30.	U UJ
100-42-5	Styrene	ND	50	14.	U
75-71-8	Dichlorodifluoromethane	ND	100	20.	U UJ
67-64-1	Acetone	ND	100	29.	U UJ
75-15-0	Carbon disulfide	ND	100	20.	U
78-93-3	2-Butanone	ND	100	39.	U
108-05-4	Vinyl acetate	ND	100	20.	U UJ
108-10-1	4-Methyl-2-pentanone	ND	100	20.	U
591-78-6	2-Hexanone	ND	100	20.	U
74-97-5	Bromochloromethane	ND	50	14.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-10D	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 01:32
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A14	Instrument ID	: ELAINE
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	50	14.	U
106-93-4	1,2-Dibromoethane	ND	40	13.	U
142-28-9	1,3-Dichloropropane	ND	50	14.	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	14.	U
108-86-1	Bromobenzene	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	14.	U
135-98-8	sec-Butylbenzene	ND	50	14.	U
98-06-6	tert-Butylbenzene	ND	50	14.	U
95-49-8	o-Chlorotoluene	ND	50	14.	U
106-43-4	p-Chlorotoluene	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	14.	U
87-68-3	Hexachlorobutadiene	ND	50	14.	U UJ
98-82-8	Isopropylbenzene	ND	50	14.	U
99-87-6	p-Isopropyltoluene	ND	50	14.	U
91-20-3	Naphthalene	ND	50	14.	U
103-65-1	n-Propylbenzene	ND	50	14.	U
87-61-6	1,2,3-Trichlorobenzene	ND	50	14.	U
120-82-1	1,2,4-Trichlorobenzene	ND	50	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	50	14.	U
95-63-6	1,2,4-Trimethylbenzene	ND	50	14.	U
123-91-1	1,4-Dioxane	ND	5000	1200	U R
105-05-5	p-Diethylbenzene	ND	40	14.	U
622-96-8	p-Ethyltoluene	ND	40	14.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	40	11.	U
60-29-7	Ethyl ether	ND	50	14.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-10D	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 01:32
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A14	Instrument ID	: ELAINE
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	50	14.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-10D	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 01:32
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A14	Instrument ID	: ELAINE
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-11D	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:09
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A15	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	70.	U
75-34-3	1,1-Dichloroethane	ND	250	70.	U
67-66-3	Chloroform	ND	250	70.	U
56-23-5	Carbon tetrachloride	ND	50	13.	U
78-87-5	1,2-Dichloropropane	ND	100	14.	U
124-48-1	Dibromochloromethane	ND	50	15.	U
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U UJ
127-18-4	Tetrachloroethene	1400	50	18.	
108-90-7	Chlorobenzene	ND	250	70.	U
75-69-4	Trichlorofluoromethane	ND	250	70.	U UJ
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U
75-27-4	Bromodichloromethane	ND	50	19.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U
563-58-6	1,1-Dichloropropene	ND	250	70.	U
75-25-2	Bromoform	ND	200	65.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U UJ
71-43-2	Benzene	ND	50	16.	U
108-88-3	Toluene	ND	250	70.	U
100-41-4	Ethylbenzene	ND	250	70.	U
74-87-3	Chloromethane	ND	250	70.	U
74-83-9	Bromomethane	ND	250	70.	U UJ
75-01-4	Vinyl chloride	16	100	7.1	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-11D	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:09
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A15	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	250	70.	U
75-35-4	1,1-Dichloroethene	21	50	17.	J
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U
79-01-6	Trichloroethene	45	50	18.	J
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U
1634-04-4	Methyl tert butyl ether	ND	250	70.	U
179601-23-1	p/m-Xylene	ND	250	70.	U
95-47-6	o-Xylene	ND	250	70.	U
1330-20-7	Xylenes, Total	ND	250	70.	U
156-59-2	cis-1,2-Dichloroethene	14000	250	70.	
540-59-0	1,2-Dichloroethene, Total	14000	250	70.	
74-95-3	Dibromomethane	ND	500	100	U
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U UJ
107-13-1	Acrylonitrile	ND	500	150	U UJ
100-42-5	Styrene	ND	250	70.	U
75-71-8	Dichlorodifluoromethane	ND	500	100	U UJ
67-64-1	Acetone	ND	500	150	U UJ
75-15-0	Carbon disulfide	ND	500	100	U
78-93-3	2-Butanone	ND	500	190	U
108-05-4	Vinyl acetate	ND	500	100	U UJ
108-10-1	4-Methyl-2-pentanone	ND	500	100	U
591-78-6	2-Hexanone	ND	500	100	U
74-97-5	Bromochloromethane	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-11D	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:09
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A15	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	250	70.	U
106-93-4	1,2-Dibromoethane	ND	200	65.	U
142-28-9	1,3-Dichloropropane	ND	250	70.	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U
108-86-1	Bromobenzene	ND	250	70.	U
104-51-8	n-Butylbenzene	ND	250	70.	U
135-98-8	sec-Butylbenzene	ND	250	70.	U
98-06-6	tert-Butylbenzene	ND	250	70.	U
95-49-8	o-Chlorotoluene	ND	250	70.	U
106-43-4	p-Chlorotoluene	ND	250	70.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U
87-68-3	Hexachlorobutadiene	ND	250	70.	U UJ
98-82-8	Isopropylbenzene	ND	250	70.	U
99-87-6	p-Isopropyltoluene	ND	250	70.	U
91-20-3	Naphthalene	ND	250	70.	U
103-65-1	n-Propylbenzene	ND	250	70.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U
108-67-8	1,3,5-Trimethylbenzene	240	250	70.	J
95-63-6	1,2,4-Trimethylbenzene	250	250	70.	
123-91-1	1,4-Dioxane	ND	25000	6100	U R
105-05-5	p-Diethylbenzene	ND	200	70.	U
622-96-8	p-Ethyltoluene	200	200	70.	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	54.	U
60-29-7	Ethyl ether	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-11D	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:09
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A15	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-11D	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 02:09
Sample Matrix	: WATER	**Dilution Factor**	: 100
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A15	**Instrument ID**	: ELAINE
Sample Amount	: 0.1 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Benzene	18.01	263	J
	Unknown Aromatic	19.72	183	J
	Total TIC Compounds		446J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-12D	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:46
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A16	Instrument ID	: ELAINE
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1200	350	U
75-34-3	1,1-Dichloroethane	ND	1200	350	U
67-66-3	Chloroform	ND	1200	350	U
56-23-5	Carbon tetrachloride	ND	250	67.	U
78-87-5	1,2-Dichloropropane	ND	500	68.	U
124-48-1	Dibromochloromethane	ND	250	74.	U
79-00-5	1,1,2-Trichloroethane	ND	750	250	U UJ
127-18-4	Tetrachloroethene	18000	250	90.	
108-90-7	Chlorobenzene	ND	1200	350	U
75-69-4	Trichlorofluoromethane	ND	1200	350	U UJ
107-06-2	1,2-Dichloroethane	ND	250	66.	U
71-55-6	1,1,1-Trichloroethane	ND	1200	350	U
75-27-4	Bromodichloromethane	ND	250	96.	U
10061-02-6	trans-1,3-Dichloropropene	ND	250	82.	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	250	72.	U
542-75-6	1,3-Dichloropropene, Total	ND	250	72.	U
563-58-6	1,1-Dichloropropene	ND	1200	350	U
75-25-2	Bromoform	ND	1000	320	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	84.	U UJ
71-43-2	Benzene	ND	250	80.	U
108-88-3	Toluene	ND	1200	350	U
100-41-4	Ethylbenzene	ND	1200	350	U
74-87-3	Chloromethane	ND	1200	350	U
74-83-9	Bromomethane	ND	1200	350	U UJ
75-01-4	Vinyl chloride	640	500	36.	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-12D	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:46
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A16	Instrument ID	: ELAINE
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1200	350	U
75-35-4	1,1-Dichloroethene	120	250	84.	J
156-60-5	trans-1,2-Dichloroethene	ND	1200	350	U
79-01-6	Trichloroethene	1700	250	88.	
95-50-1	1,2-Dichlorobenzene	ND	1200	350	U
541-73-1	1,3-Dichlorobenzene	ND	1200	350	U
106-46-7	1,4-Dichlorobenzene	ND	1200	350	U
1634-04-4	Methyl tert butyl ether	ND	1200	350	U
179601-23-1	p/m-Xylene	ND	1200	350	U
95-47-6	o-Xylene	420	1200	350	J
1330-20-7	Xylenes, Total	420	1200	350	J
156-59-2	cis-1,2-Dichloroethene	57000	1200	350	
540-59-0	1,2-Dichloroethene, Total	57000	1200	350	
74-95-3	Dibromomethane	ND	2500	500	U
96-18-4	1,2,3-Trichloropropane	ND	1200	350	U UJ
107-13-1	Acrylonitrile	ND	2500	750	U UJ
100-42-5	Styrene	ND	1200	350	U
75-71-8	Dichlorodifluoromethane	ND	2500	500	U UJ
67-64-1	Acetone	ND	2500	730	U UJ
75-15-0	Carbon disulfide	ND	2500	500	U
78-93-3	2-Butanone	ND	2500	970	U
108-05-4	Vinyl acetate	ND	2500	500	U UJ
108-10-1	4-Methyl-2-pentanone	ND	2500	500	U
591-78-6	2-Hexanone	ND	2500	500	U
74-97-5	Bromochloromethane	ND	1200	350	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-12D	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:46
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A16	Instrument ID	: ELAINE
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	1200	350	U
106-93-4	1,2-Dibromoethane	ND	1000	320	U
142-28-9	1,3-Dichloropropane	ND	1200	350	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	1200	350	U
108-86-1	Bromobenzene	ND	1200	350	U
104-51-8	n-Butylbenzene	ND	1200	350	U
135-98-8	sec-Butylbenzene	ND	1200	350	U
98-06-6	tert-Butylbenzene	ND	1200	350	U
95-49-8	o-Chlorotoluene	ND	1200	350	U
106-43-4	p-Chlorotoluene	ND	1200	350	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	350	U
87-68-3	Hexachlorobutadiene	ND	1200	350	U UJ
98-82-8	Isopropylbenzene	ND	1200	350	U
99-87-6	p-Isopropyltoluene	ND	1200	350	U
91-20-3	Naphthalene	ND	1200	350	U
103-65-1	n-Propylbenzene	ND	1200	350	U
87-61-6	1,2,3-Trichlorobenzene	ND	1200	350	U
120-82-1	1,2,4-Trichlorobenzene	ND	1200	350	U
108-67-8	1,3,5-Trimethylbenzene	1200	1200	350	
95-63-6	1,2,4-Trimethylbenzene	1500	1200	350	
123-91-1	1,4-Dioxane	ND	120000	30000	U R
105-05-5	p-Diethylbenzene	ND	1000	350	U
622-96-8	p-Ethyltoluene	1600	1000	350	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1000	270	U
60-29-7	Ethyl ether	ND	1200	350	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-12D	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 02:46
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A16	Instrument ID	: ELAINE
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	350	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-12D	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 02:46
Sample Matrix	: WATER	**Dilution Factor**	: 500
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A16	**Instrument ID**	: ELAINE
Sample Amount	: 0.02 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Benzene	18.01	1270	J
	Unknown Aromatic	19.73	700	J
	Total TIC Compounds		1970J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-13D	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 03:23
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A17	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	250	70.	U	
75-34-3	1,1-Dichloroethane	ND	250	70.	U	
67-66-3	Chloroform	ND	250	70.	U	
56-23-5	Carbon tetrachloride	ND	50	13.	U	
78-87-5	1,2-Dichloropropane	ND	100	14.	U	
124-48-1	Dibromochloromethane	ND	50	15.	U	
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U	UJ
127-18-4	Tetrachloroethene	83000	50	18.	E	R
108-90-7	Chlorobenzene	ND	250	70.	U	
75-69-4	Trichlorofluoromethane	ND	250	70.	U	UJ
107-06-2	1,2-Dichloroethane	ND	50	13.	U	
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U	
75-27-4	Bromodichloromethane	ND	50	19.	U	
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U	
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U	
563-58-6	1,1-Dichloropropene	ND	250	70.	U	
75-25-2	Bromoform	ND	200	65.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U	UJ
71-43-2	Benzene	ND	50	16.	U	
108-88-3	Toluene	ND	250	70.	U	
100-41-4	Ethylbenzene	ND	250	70.	U	
74-87-3	Chloromethane	ND	250	70.	U	
74-83-9	Bromomethane	ND	250	70.	U	UJ
75-01-4	Vinyl chloride	ND	100	7.1	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-13D	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 03:23
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A17	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	250	70.	U
75-35-4	1,1-Dichloroethene	ND	50	17.	U
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U
79-01-6	Trichloroethene	120	50	18.	
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U
1634-04-4	Methyl tert butyl ether	ND	250	70.	U
179601-23-1	p/m-Xylene	ND	250	70.	U
95-47-6	o-Xylene	ND	250	70.	U
1330-20-7	Xylenes, Total	ND	250	70.	U
156-59-2	cis-1,2-Dichloroethene	ND	250	70.	U
540-59-0	1,2-Dichloroethene, Total	ND	250	70.	U
74-95-3	Dibromomethane	ND	500	100	U
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U UJ
107-13-1	Acrylonitrile	ND	500	150	U UJ
100-42-5	Styrene	ND	250	70.	U
75-71-8	Dichlorodifluoromethane	ND	500	100	U UJ
67-64-1	Acetone	ND	500	150	U UJ
75-15-0	Carbon disulfide	ND	500	100	U
78-93-3	2-Butanone	ND	500	190	U
108-05-4	Vinyl acetate	ND	500	100	U UJ
108-10-1	4-Methyl-2-pentanone	ND	500	100	U
591-78-6	2-Hexanone	ND	500	100	U
74-97-5	Bromochloromethane	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-13D	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 03:23
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A17	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	250	70.	U
106-93-4	1,2-Dibromoethane	ND	200	65.	U
142-28-9	1,3-Dichloropropane	ND	250	70.	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U
108-86-1	Bromobenzene	ND	250	70.	U
104-51-8	n-Butylbenzene	ND	250	70.	U
135-98-8	sec-Butylbenzene	ND	250	70.	U
98-06-6	tert-Butylbenzene	ND	250	70.	U
95-49-8	o-Chlorotoluene	ND	250	70.	U
106-43-4	p-Chlorotoluene	ND	250	70.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U
87-68-3	Hexachlorobutadiene	ND	250	70.	U UJ
98-82-8	Isopropylbenzene	ND	250	70.	U
99-87-6	p-Isopropyltoluene	ND	250	70.	U
91-20-3	Naphthalene	ND	250	70.	U
103-65-1	n-Propylbenzene	ND	250	70.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U
108-67-8	1,3,5-Trimethylbenzene	ND	250	70.	U
95-63-6	1,2,4-Trimethylbenzene	ND	250	70.	U
123-91-1	1,4-Dioxane	ND	25000	6100	U R
105-05-5	p-Diethylbenzene	ND	200	70.	U
622-96-8	p-Ethyltoluene	ND	200	70.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	54.	U
60-29-7	Ethyl ether	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-13D	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 03:23
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A17	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-13D2	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:26
Sample Matrix	: WATER	Dilution Factor	: 2000
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A08	Instrument ID	: VOA122
Sample Amount	: 0.005 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
127-18-4	Tetrachloroethene	210000	1000	360	

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-13D	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 03:23
Sample Matrix	: WATER	**Dilution Factor**	: 100
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A17	**Instrument ID**	: ELAINE
Sample Amount	: 0.1 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:57
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A07	Instrument ID	: VOA122
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1200	350	U
75-34-3	1,1-Dichloroethane	ND	1200	350	U
67-66-3	Chloroform	ND	1200	350	U
56-23-5	Carbon tetrachloride	ND	250	67.	U
78-87-5	1,2-Dichloropropane	ND	500	68.	U
124-48-1	Dibromochloromethane	ND	250	74.	U
79-00-5	1,1,2-Trichloroethane	ND	750	250	U
127-18-4	Tetrachloroethene	54000	250	90.	
108-90-7	Chlorobenzene	ND	1200	350	U
75-69-4	Trichlorofluoromethane	ND	1200	350	U
107-06-2	1,2-Dichloroethane	ND	250	66.	U UJ
71-55-6	1,1,1-Trichloroethane	ND	1200	350	U UJ
75-27-4	Bromodichloromethane	ND	250	96.	U
10061-02-6	trans-1,3-Dichloropropene	ND	250	82.	U
10061-01-5	cis-1,3-Dichloropropene	ND	250	72.	U UJ
542-75-6	1,3-Dichloropropene, Total	ND	250	72.	U
563-58-6	1,1-Dichloropropene	ND	1200	350	U
75-25-2	Bromoform	ND	1000	320	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	84.	U
71-43-2	Benzene	ND	250	80.	U
108-88-3	Toluene	ND	1200	350	U
100-41-4	Ethylbenzene	ND	1200	350	U
74-87-3	Chloromethane	ND	1200	350	U UJ
74-83-9	Bromomethane	ND	1200	350	U
75-01-4	Vinyl chloride	ND	500	36.	U UJ

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:57
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A07	Instrument ID	: VOA122
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1200	350	U
75-35-4	1,1-Dichloroethene	ND	250	84.	U
156-60-5	trans-1,2-Dichloroethene	ND	1200	350	U
79-01-6	Trichloroethene	ND	250	88.	U
95-50-1	1,2-Dichlorobenzene	ND	1200	350	U
541-73-1	1,3-Dichlorobenzene	ND	1200	350	U
106-46-7	1,4-Dichlorobenzene	ND	1200	350	U
1634-04-4	Methyl tert butyl ether	ND	1200	350	U
179601-23-1	p/m-Xylene	ND	1200	350	U
95-47-6	o-Xylene	ND	1200	350	U
1330-20-7	Xylenes, Total	ND	1200	350	U
156-59-2	cis-1,2-Dichloroethene	ND	1200	350	U
540-59-0	1,2-Dichloroethene, Total	ND	1200	350	U
74-95-3	Dibromomethane	ND	2500	500	U
96-18-4	1,2,3-Trichloropropane	ND	1200	350	U
107-13-1	Acrylonitrile	ND	2500	750	U UJ
100-42-5	Styrene	ND	1200	350	U
75-71-8	Dichlorodifluoromethane	ND	2500	500	U UJ
67-64-1	Acetone	ND	2500	730	U UJ
75-15-0	Carbon disulfide	ND	2500	500	U
78-93-3	2-Butanone	ND	2500	970	U UJ
108-05-4	Vinyl acetate	ND	2500	500	U
108-10-1	4-Methyl-2-pentanone	ND	2500	500	U
591-78-6	2-Hexanone	ND	2500	500	U
74-97-5	Bromochloromethane	ND	1200	350	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:57
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A07	Instrument ID	: VOA122
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	1200	350	U	UJ
106-93-4	1,2-Dibromoethane	ND	1000	320	U	
142-28-9	1,3-Dichloropropane	ND	1200	350	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1200	350	U	
108-86-1	Bromobenzene	ND	1200	350	U	
104-51-8	n-Butylbenzene	ND	1200	350	U	
135-98-8	sec-Butylbenzene	ND	1200	350	U	UJ
98-06-6	tert-Butylbenzene	ND	1200	350	U	
95-49-8	o-Chlorotoluene	ND	1200	350	U	
106-43-4	p-Chlorotoluene	ND	1200	350	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1200	350	U	
87-68-3	Hexachlorobutadiene	ND	1200	350	U	UJ
98-82-8	Isopropylbenzene	ND	1200	350	U	
99-87-6	p-Isopropyltoluene	ND	1200	350	U	
91-20-3	Naphthalene	ND	1200	350	U	
103-65-1	n-Propylbenzene	ND	1200	350	U	
87-61-6	1,2,3-Trichlorobenzene	ND	1200	350	U	
120-82-1	1,2,4-Trichlorobenzene	ND	1200	350	U	
108-67-8	1,3,5-Trimethylbenzene	ND	1200	350	U	
95-63-6	1,2,4-Trimethylbenzene	ND	1200	350	U	
123-91-1	1,4-Dioxane	ND	120000	30000	U	R
105-05-5	p-Diethylbenzene	ND	1000	350	U	
622-96-8	p-Ethyltoluene	ND	1000	350	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	1000	270	U	
60-29-7	Ethyl ether	ND	1200	350	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:57
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A07	Instrument ID	: VOA122
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	350	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:57
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V22190816A07	Instrument ID	: VOA122
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-15D	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:41
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A11	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	250	70.	U	
75-34-3	1,1-Dichloroethane	ND	250	70.	U	
67-66-3	Chloroform	ND	250	70.	U	
56-23-5	Carbon tetrachloride	ND	50	13.	U	
78-87-5	1,2-Dichloropropane	ND	100	14.	U	
124-48-1	Dibromochloromethane	ND	50	15.	U	
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U	UJ
127-18-4	Tetrachloroethene	14000	50	18.		
108-90-7	Chlorobenzene	ND	250	70.	U	
75-69-4	Trichlorofluoromethane	ND	250	70.	U	UJ
107-06-2	1,2-Dichloroethane	ND	50	13.	U	
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U	
75-27-4	Bromodichloromethane	ND	50	19.	U	
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U	
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U	
563-58-6	1,1-Dichloropropene	ND	250	70.	U	
75-25-2	Bromoform	ND	200	65.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U	UJ
71-43-2	Benzene	ND	50	16.	U	
108-88-3	Toluene	ND	250	70.	U	
100-41-4	Ethylbenzene	ND	250	70.	U	
74-87-3	Chloromethane	ND	250	70.	U	
74-83-9	Bromomethane	ND	250	70.	U	UJ
75-01-4	Vinyl chloride	ND	100	7.1	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-15D	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:41
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A11	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	250	70.	U	
75-35-4	1,1-Dichloroethene	ND	50	17.	U	
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U	
79-01-6	Trichloroethene	ND	50	18.	U	
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U	
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U	
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U	
1634-04-4	Methyl tert butyl ether	ND	250	70.	U	
179601-23-1	p/m-Xylene	ND	250	70.	U	
95-47-6	o-Xylene	ND	250	70.	U	
1330-20-7	Xylenes, Total	ND	250	70.	U	
156-59-2	cis-1,2-Dichloroethene	ND	250	70.	U	
540-59-0	1,2-Dichloroethene, Total	ND	250	70.	U	
74-95-3	Dibromomethane	ND	500	100	U	
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U	UJ
107-13-1	Acrylonitrile	ND	500	150	U	UJ
100-42-5	Styrene	ND	250	70.	U	
75-71-8	Dichlorodifluoromethane	ND	500	100	U	UJ
67-64-1	Acetone	ND	500	150	U	UJ
75-15-0	Carbon disulfide	ND	500	100	U	
78-93-3	2-Butanone	ND	500	190	U	
108-05-4	Vinyl acetate	ND	500	100	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	500	100	U	
591-78-6	2-Hexanone	ND	500	100	U	
74-97-5	Bromochloromethane	ND	250	70.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-15D	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:41
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A11	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	250	70.	U
106-93-4	1,2-Dibromoethane	ND	200	65.	U
142-28-9	1,3-Dichloropropane	ND	250	70.	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U
108-86-1	Bromobenzene	ND	250	70.	U
104-51-8	n-Butylbenzene	ND	250	70.	U
135-98-8	sec-Butylbenzene	ND	250	70.	U
98-06-6	tert-Butylbenzene	ND	250	70.	U
95-49-8	o-Chlorotoluene	ND	250	70.	U
106-43-4	p-Chlorotoluene	ND	250	70.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U
87-68-3	Hexachlorobutadiene	ND	250	70.	U UJ
98-82-8	Isopropylbenzene	ND	250	70.	U
99-87-6	p-Isopropyltoluene	ND	250	70.	U
91-20-3	Naphthalene	ND	250	70.	U
103-65-1	n-Propylbenzene	ND	250	70.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U
108-67-8	1,3,5-Trimethylbenzene	ND	250	70.	U
95-63-6	1,2,4-Trimethylbenzene	ND	250	70.	U
123-91-1	1,4-Dioxane	ND	25000	6100	U R
105-05-5	p-Diethylbenzene	ND	200	70.	U
622-96-8	p-Ethyltoluene	ND	200	70.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	54.	U
60-29-7	Ethyl ether	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-15D	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:41
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A11	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-15D	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:41
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A11	Instrument ID	: ELAINE
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-16D	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:53
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A10	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U
127-18-4	Tetrachloroethene	1300	5.0	1.8	
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U
563-58-6	1,1-Dichloropropene	ND	25	7.0	U
75-25-2	Bromoform	ND	20	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	U
75-01-4	Vinyl chloride	ND	10	0.71	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-16D	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:53
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A10	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	6.7	5.0	1.8	
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
1330-20-7	Xylenes, Total	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	11	25	7.0	J
540-59-0	1,2-Dichloroethene, Total	11	25	7.0	J
74-95-3	Dibromomethane	ND	50	10.	U
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U
107-13-1	Acrylonitrile	ND	50	15.	U
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U
67-64-1	Acetone	ND	50	15.	U UJ
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U UJ
108-05-4	Vinyl acetate	ND	50	10.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-16D	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:53
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A10	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	25	7.0	U	
106-93-4	1,2-Dibromoethane	ND	20	6.5	U	
142-28-9	1,3-Dichloropropane	ND	25	7.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U	
108-86-1	Bromobenzene	ND	25	7.0	U	
104-51-8	n-Butylbenzene	ND	25	7.0	U	
135-98-8	sec-Butylbenzene	ND	25	7.0	U	
98-06-6	tert-Butylbenzene	ND	25	7.0	U	
95-49-8	o-Chlorotoluene	ND	25	7.0	U	
106-43-4	p-Chlorotoluene	ND	25	7.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U	
87-68-3	Hexachlorobutadiene	ND	25	7.0	U	
98-82-8	Isopropylbenzene	ND	25	7.0	U	
99-87-6	p-Isopropyltoluene	ND	25	7.0	U	
91-20-3	Naphthalene	ND	25	7.0	U	UJ
103-65-1	n-Propylbenzene	ND	25	7.0	U	
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U	
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U	
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U	
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U	
123-91-1	1,4-Dioxane	ND	2500	610	U	R
105-05-5	p-Diethylbenzene	ND	20	7.0	U	
622-96-8	p-Ethyltoluene	ND	20	7.0	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U	
60-29-7	Ethyl ether	ND	25	7.0	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-16D	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 10:53
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A10	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-16D	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 10:53
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VG190815A10	**Instrument ID**	: GONZO
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A08	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U UJ
127-18-4	Tetrachloroethene	100	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U UJ
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U UJ
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A08	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.5	0.70	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	1.8	0.50	0.18		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
1330-20-7	Xylenes, Total	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	4.5	2.5	0.70		
540-59-0	1,2-Dichloroethene, Total	4.5	2.5	0.70		
74-95-3	Dibromomethane	ND	5.0	1.0	U	
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U	UJ
107-13-1	Acrylonitrile	ND	5.0	1.5	U	UJ
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	UJ
67-64-1	Acetone	2.6	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-05-4	Vinyl acetate	ND	5.0	1.0	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A08	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VE190815A08	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 21:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VE190815A08	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000115-07-1	Propene	2.45	3.05	NJ
	Total TIC Compounds		3.05J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-18D	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 11:44
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A12	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U
127-18-4	Tetrachloroethene	16000	5.0	1.8	E R
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U
563-58-6	1,1-Dichloropropene	ND	25	7.0	U
75-25-2	Bromoform	ND	20	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	U
75-01-4	Vinyl chloride	ND	10	0.71	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-18D	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 11:44
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A12	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	25	7.0	U	
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U	
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U	
79-01-6	Trichloroethene	27	5.0	1.8		
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U	
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U	
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U	
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U	
179601-23-1	p/m-Xylene	ND	25	7.0	U	
95-47-6	o-Xylene	ND	25	7.0	U	
1330-20-7	Xylenes, Total	ND	25	7.0	U	
156-59-2	cis-1,2-Dichloroethene	16	25	7.0	J	
540-59-0	1,2-Dichloroethene, Total	16	25	7.0	J	
74-95-3	Dibromomethane	ND	50	10.	U	
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U	
107-13-1	Acrylonitrile	ND	50	15.	U	
100-42-5	Styrene	ND	25	7.0	U	
75-71-8	Dichlorodifluoromethane	ND	50	10.	U	
67-64-1	Acetone	17	50	15.	J	J
75-15-0	Carbon disulfide	ND	50	10.	U	
78-93-3	2-Butanone	ND	50	19.	U	UJ
108-05-4	Vinyl acetate	ND	50	10.	U	
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U	
591-78-6	2-Hexanone	ND	50	10.	U	
74-97-5	Bromochloromethane	ND	25	7.0	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-18D	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 11:44
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A12	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	25	7.0	U	
106-93-4	1,2-Dibromoethane	ND	20	6.5	U	
142-28-9	1,3-Dichloropropane	ND	25	7.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U	
108-86-1	Bromobenzene	ND	25	7.0	U	
104-51-8	n-Butylbenzene	ND	25	7.0	U	
135-98-8	sec-Butylbenzene	ND	25	7.0	U	
98-06-6	tert-Butylbenzene	ND	25	7.0	U	
95-49-8	o-Chlorotoluene	ND	25	7.0	U	
106-43-4	p-Chlorotoluene	ND	25	7.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U	
87-68-3	Hexachlorobutadiene	ND	25	7.0	U	
98-82-8	Isopropylbenzene	ND	25	7.0	U	
99-87-6	p-Isopropyltoluene	ND	25	7.0	U	
91-20-3	Naphthalene	ND	25	7.0	U	UJ
103-65-1	n-Propylbenzene	ND	25	7.0	U	
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U	
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U	
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U	
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U	
123-91-1	1,4-Dioxane	ND	2500	610	U	R
105-05-5	p-Diethylbenzene	ND	20	7.0	U	
622-96-8	p-Ethyltoluene	ND	20	7.0	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U	
60-29-7	Ethyl ether	ND	25	7.0	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-18D	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 11:44
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A12	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-18D2	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 22:17
Sample Matrix	: WATER	**Dilution Factor**	: 200
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VG190815N09	**Instrument ID**	: GONZO
Sample Amount	: 0.05 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
127-18-4	Tetrachloroethene	16000	100	36.	

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-18D	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 11:44
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VG190815A12	**Instrument ID**	: GONZO
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-19D	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 12:10
Sample Matrix	: WATER	Dilution Factor	: 200
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A13	Instrument ID	: GONZO
Sample Amount	: 0.05 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
127-18-4	Tetrachloroethene	14000	100	36.	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-19D2	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:42
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N10	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	250	70.	U	
75-34-3	1,1-Dichloroethane	ND	250	70.	U	
67-66-3	Chloroform	ND	250	70.	U	
56-23-5	Carbon tetrachloride	ND	50	13.	U	
78-87-5	1,2-Dichloropropane	ND	100	14.	U	
124-48-1	Dibromochloromethane	ND	50	15.	U	
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U	
127-18-4	Tetrachloroethene	20000	50	18.	E	R
108-90-7	Chlorobenzene	ND	250	70.	U	
75-69-4	Trichlorofluoromethane	ND	250	70.	U	
107-06-2	1,2-Dichloroethane	ND	50	13.	U	
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U	
75-27-4	Bromodichloromethane	ND	50	19.	U	
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U	
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U	
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U	
563-58-6	1,1-Dichloropropene	ND	250	70.	U	
75-25-2	Bromoform	ND	200	65.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U	
71-43-2	Benzene	ND	50	16.	U	
108-88-3	Toluene	ND	250	70.	U	
100-41-4	Ethylbenzene	ND	250	70.	U	
74-87-3	Chloromethane	ND	250	70.	U	
74-83-9	Bromomethane	ND	250	70.	U	
75-01-4	Vinyl chloride	ND	100	7.1	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-19D2	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:42
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N10	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	250	70.	U	
75-35-4	1,1-Dichloroethene	ND	50	17.	U	
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U	
79-01-6	Trichloroethene	43	50	18.	J	
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U	
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U	
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U	
1634-04-4	Methyl tert butyl ether	ND	250	70.	U	
179601-23-1	p/m-Xylene	ND	250	70.	U	
95-47-6	o-Xylene	ND	250	70.	U	
1330-20-7	Xylenes, Total	ND	250	70.	U	
156-59-2	cis-1,2-Dichloroethene	ND	250	70.	U	
540-59-0	1,2-Dichloroethene, Total	ND	250	70.	U	
74-95-3	Dibromomethane	ND	500	100	U	
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U	
107-13-1	Acrylonitrile	ND	500	150	U	
100-42-5	Styrene	ND	250	70.	U	
75-71-8	Dichlorodifluoromethane	ND	500	100	U	
67-64-1	Acetone	ND	500	150	U	UJ
75-15-0	Carbon disulfide	ND	500	100	U	
78-93-3	2-Butanone	ND	500	190	U	
108-05-4	Vinyl acetate	ND	500	100	U	
108-10-1	4-Methyl-2-pentanone	ND	500	100	U	
591-78-6	2-Hexanone	ND	500	100	U	
74-97-5	Bromochloromethane	ND	250	70.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-19D2	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:42
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N10	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	250	70.	U	
106-93-4	1,2-Dibromoethane	ND	200	65.	U	
142-28-9	1,3-Dichloropropane	ND	250	70.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U	
108-86-1	Bromobenzene	ND	250	70.	U	
104-51-8	n-Butylbenzene	ND	250	70.	U	
135-98-8	sec-Butylbenzene	ND	250	70.	U	
98-06-6	tert-Butylbenzene	ND	250	70.	U	
95-49-8	o-Chlorotoluene	ND	250	70.	U	
106-43-4	p-Chlorotoluene	ND	250	70.	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U	
87-68-3	Hexachlorobutadiene	ND	250	70.	U	
98-82-8	Isopropylbenzene	ND	250	70.	U	
99-87-6	p-Isopropyltoluene	ND	250	70.	U	
91-20-3	Naphthalene	ND	250	70.	U	
103-65-1	n-Propylbenzene	ND	250	70.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	250	70.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	250	70.	U	
123-91-1	1,4-Dioxane	ND	25000	6100	U	R
105-05-5	p-Diethylbenzene	ND	200	70.	U	
622-96-8	p-Ethyltoluene	ND	200	70.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	54.	U	
60-29-7	Ethyl ether	ND	250	70.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-19D2	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:42
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N10	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-19D2	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 22:42
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N10	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-20D	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:08
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N11	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	70.	U
75-34-3	1,1-Dichloroethane	ND	250	70.	U
67-66-3	Chloroform	ND	250	70.	U
56-23-5	Carbon tetrachloride	ND	50	13.	U
78-87-5	1,2-Dichloropropane	ND	100	14.	U
124-48-1	Dibromochloromethane	ND	50	15.	U
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U
127-18-4	Tetrachloroethene	15000	50	18.	
108-90-7	Chlorobenzene	ND	250	70.	U
75-69-4	Trichlorofluoromethane	ND	250	70.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U
75-27-4	Bromodichloromethane	ND	50	19.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U
563-58-6	1,1-Dichloropropene	ND	250	70.	U
75-25-2	Bromoform	ND	200	65.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U
71-43-2	Benzene	ND	50	16.	U
108-88-3	Toluene	ND	250	70.	U
100-41-4	Ethylbenzene	ND	250	70.	U
74-87-3	Chloromethane	ND	250	70.	U
74-83-9	Bromomethane	ND	250	70.	U
75-01-4	Vinyl chloride	ND	100	7.1	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-20D	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:08
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N11	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	250	70.	U
75-35-4	1,1-Dichloroethene	ND	50	17.	U
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U
79-01-6	Trichloroethene	48	50	18.	J
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U
1634-04-4	Methyl tert butyl ether	ND	250	70.	U
179601-23-1	p/m-Xylene	ND	250	70.	U
95-47-6	o-Xylene	ND	250	70.	U
1330-20-7	Xylenes, Total	ND	250	70.	U
156-59-2	cis-1,2-Dichloroethene	ND	250	70.	U
540-59-0	1,2-Dichloroethene, Total	ND	250	70.	U
74-95-3	Dibromomethane	ND	500	100	U
96-18-4	1,2,3-Trichloropropane	ND	250	70.	U
107-13-1	Acrylonitrile	ND	500	150	U
100-42-5	Styrene	ND	250	70.	U
75-71-8	Dichlorodifluoromethane	ND	500	100	U
67-64-1	Acetone	ND	500	150	U UJ
75-15-0	Carbon disulfide	ND	500	100	U
78-93-3	2-Butanone	ND	500	190	U
108-05-4	Vinyl acetate	ND	500	100	U
108-10-1	4-Methyl-2-pentanone	ND	500	100	U
591-78-6	2-Hexanone	ND	500	100	U
74-97-5	Bromochloromethane	ND	250	70.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-20D	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:08
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N11	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	250	70.	U	
106-93-4	1,2-Dibromoethane	ND	200	65.	U	
142-28-9	1,3-Dichloropropane	ND	250	70.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	70.	U	
108-86-1	Bromobenzene	ND	250	70.	U	
104-51-8	n-Butylbenzene	ND	250	70.	U	
135-98-8	sec-Butylbenzene	ND	250	70.	U	
98-06-6	tert-Butylbenzene	ND	250	70.	U	
95-49-8	o-Chlorotoluene	ND	250	70.	U	
106-43-4	p-Chlorotoluene	ND	250	70.	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U	
87-68-3	Hexachlorobutadiene	ND	250	70.	U	
98-82-8	Isopropylbenzene	ND	250	70.	U	
99-87-6	p-Isopropyltoluene	ND	250	70.	U	
91-20-3	Naphthalene	ND	250	70.	U	
103-65-1	n-Propylbenzene	ND	250	70.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	250	70.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	250	70.	U	
123-91-1	1,4-Dioxane	ND	25000	6100	U	R
105-05-5	p-Diethylbenzene	ND	200	70.	U	
622-96-8	p-Ethyltoluene	ND	200	70.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	200	54.	U	
60-29-7	Ethyl ether	ND	250	70.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-20D	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:08
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N11	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	70.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-20D	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:08
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N11	Instrument ID	: GONZO
Sample Amount	: 0.1 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-21D	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 400
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N08	Instrument ID	: GONZO
Sample Amount	: 0.025 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1000	280	U
75-34-3	1,1-Dichloroethane	ND	1000	280	U
67-66-3	Chloroform	ND	1000	280	U
56-23-5	Carbon tetrachloride	ND	200	54.	U
78-87-5	1,2-Dichloropropane	ND	400	55.	U
124-48-1	Dibromochloromethane	ND	200	60.	U
79-00-5	1,1,2-Trichloroethane	ND	600	200	U
127-18-4	Tetrachloroethene	36000	200	72.	
108-90-7	Chlorobenzene	ND	1000	280	U
75-69-4	Trichlorofluoromethane	ND	1000	280	U
107-06-2	1,2-Dichloroethane	ND	200	53.	U
71-55-6	1,1,1-Trichloroethane	ND	1000	280	U
75-27-4	Bromodichloromethane	ND	200	77.	U
10061-02-6	trans-1,3-Dichloropropene	ND	200	66.	U
10061-01-5	cis-1,3-Dichloropropene	ND	200	58.	U
542-75-6	1,3-Dichloropropene, Total	ND	200	58.	U
563-58-6	1,1-Dichloropropene	ND	1000	280	U
75-25-2	Bromoform	ND	800	260	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	200	67.	U
71-43-2	Benzene	ND	200	64.	U
108-88-3	Toluene	ND	1000	280	U
100-41-4	Ethylbenzene	ND	1000	280	U
74-87-3	Chloromethane	ND	1000	280	U
74-83-9	Bromomethane	ND	1000	280	U
75-01-4	Vinyl chloride	ND	400	28.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-21D	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 400
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N08	Instrument ID	: GONZO
Sample Amount	: 0.025 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1000	280	U
75-35-4	1,1-Dichloroethene	ND	200	68.	U
156-60-5	trans-1,2-Dichloroethene	ND	1000	280	U
79-01-6	Trichloroethene	1700	200	70.	
95-50-1	1,2-Dichlorobenzene	ND	1000	280	U
541-73-1	1,3-Dichlorobenzene	ND	1000	280	U
106-46-7	1,4-Dichlorobenzene	ND	1000	280	U
1634-04-4	Methyl tert butyl ether	ND	1000	280	U
179601-23-1	p/m-Xylene	ND	1000	280	U
95-47-6	o-Xylene	ND	1000	280	U
1330-20-7	Xylenes, Total	ND	1000	280	U
156-59-2	cis-1,2-Dichloroethene	2600	1000	280	
540-59-0	1,2-Dichloroethene, Total	2600	1000	280	
74-95-3	Dibromomethane	ND	2000	400	U
96-18-4	1,2,3-Trichloropropane	ND	1000	280	U
107-13-1	Acrylonitrile	ND	2000	600	U
100-42-5	Styrene	ND	1000	280	U
75-71-8	Dichlorodifluoromethane	ND	2000	400	U
67-64-1	Acetone	ND	2000	580	U UJ
75-15-0	Carbon disulfide	ND	2000	400	U
78-93-3	2-Butanone	ND	2000	780	U
108-05-4	Vinyl acetate	ND	2000	400	U
108-10-1	4-Methyl-2-pentanone	ND	2000	400	U
591-78-6	2-Hexanone	ND	2000	400	U
74-97-5	Bromochloromethane	ND	1000	280	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-21D	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 400
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N08	Instrument ID	: GONZO
Sample Amount	: 0.025 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	1000	280	U
106-93-4	1,2-Dibromoethane	ND	800	260	U
142-28-9	1,3-Dichloropropane	ND	1000	280	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1000	280	U
108-86-1	Bromobenzene	ND	1000	280	U
104-51-8	n-Butylbenzene	ND	1000	280	U
135-98-8	sec-Butylbenzene	ND	1000	280	U
98-06-6	tert-Butylbenzene	ND	1000	280	U
95-49-8	o-Chlorotoluene	ND	1000	280	U
106-43-4	p-Chlorotoluene	ND	1000	280	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1000	280	U
87-68-3	Hexachlorobutadiene	ND	1000	280	U
98-82-8	Isopropylbenzene	ND	1000	280	U
99-87-6	p-Isopropyltoluene	ND	1000	280	U
91-20-3	Naphthalene	ND	1000	280	U
103-65-1	n-Propylbenzene	ND	1000	280	U
87-61-6	1,2,3-Trichlorobenzene	ND	1000	280	U
120-82-1	1,2,4-Trichlorobenzene	ND	1000	280	U
108-67-8	1,3,5-Trimethylbenzene	ND	1000	280	U
95-63-6	1,2,4-Trimethylbenzene	ND	1000	280	U
123-91-1	1,4-Dioxane	ND	100000	24000	U R
105-05-5	p-Diethylbenzene	ND	800	280	U
622-96-8	p-Ethyltoluene	ND	800	280	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	800	220	U
60-29-7	Ethyl ether	ND	1000	280	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-21D	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 400
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N08	Instrument ID	: GONZO
Sample Amount	: 0.025 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	1000	280	U UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-21D	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:51
Sample Matrix	: WATER	Dilution Factor	: 400
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N08	Instrument ID	: GONZO
Sample Amount	: 0.025 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-22D	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 13:01
Sample Matrix	: WATER	Dilution Factor	: 500
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815A15	Instrument ID	: GONZO
Sample Amount	: 0.02 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
127-18-4	Tetrachloroethene	34000	250	90.	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-22D2	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:33
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N12	Instrument ID	: GONZO
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	620	180	U
75-34-3	1,1-Dichloroethane	ND	620	180	U
67-66-3	Chloroform	ND	620	180	U
56-23-5	Carbon tetrachloride	ND	120	34.	U
78-87-5	1,2-Dichloropropane	ND	250	34.	U
124-48-1	Dibromochloromethane	ND	120	37.	U
79-00-5	1,1,2-Trichloroethane	ND	380	120	U
127-18-4	Tetrachloroethene	57000	120	45.	E R
108-90-7	Chlorobenzene	ND	620	180	U
75-69-4	Trichlorofluoromethane	ND	620	180	U
107-06-2	1,2-Dichloroethane	ND	120	33.	U
71-55-6	1,1,1-Trichloroethane	ND	620	180	U
75-27-4	Bromodichloromethane	ND	120	48.	U
10061-02-6	trans-1,3-Dichloropropene	ND	120	41.	U
10061-01-5	cis-1,3-Dichloropropene	ND	120	36.	U
542-75-6	1,3-Dichloropropene, Total	ND	120	36.	U
563-58-6	1,1-Dichloropropene	ND	620	180	U
75-25-2	Bromoform	ND	500	160	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	120	42.	U
71-43-2	Benzene	ND	120	40.	U
108-88-3	Toluene	ND	620	180	U
100-41-4	Ethylbenzene	ND	620	180	U
74-87-3	Chloromethane	ND	620	180	U
74-83-9	Bromomethane	ND	620	180	U
75-01-4	Vinyl chloride	670	250	18.	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-22D2	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:33
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N12	Instrument ID	: GONZO
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	620	180	U
75-35-4	1,1-Dichloroethene	ND	120	42.	U
156-60-5	trans-1,2-Dichloroethene	ND	620	180	U
79-01-6	Trichloroethene	720	120	44.	
95-50-1	1,2-Dichlorobenzene	ND	620	180	U
541-73-1	1,3-Dichlorobenzene	ND	620	180	U
106-46-7	1,4-Dichlorobenzene	ND	620	180	U
1634-04-4	Methyl tert butyl ether	ND	620	180	U
179601-23-1	p/m-Xylene	ND	620	180	U
95-47-6	o-Xylene	ND	620	180	U
1330-20-7	Xylenes, Total	ND	620	180	U
156-59-2	cis-1,2-Dichloroethene	3900	620	180	
540-59-0	1,2-Dichloroethene, Total	3900	620	180	
74-95-3	Dibromomethane	ND	1200	250	U
96-18-4	1,2,3-Trichloropropane	ND	620	180	U
107-13-1	Acrylonitrile	ND	1200	380	U
100-42-5	Styrene	ND	620	180	U
75-71-8	Dichlorodifluoromethane	ND	1200	250	U
67-64-1	Acetone	ND	1200	360	U UJ
75-15-0	Carbon disulfide	ND	1200	250	U
78-93-3	2-Butanone	ND	1200	480	U
108-05-4	Vinyl acetate	ND	1200	250	U
108-10-1	4-Methyl-2-pentanone	ND	1200	250	U
591-78-6	2-Hexanone	ND	1200	250	U
74-97-5	Bromochloromethane	ND	620	180	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-22D2	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:33
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N12	Instrument ID	: GONZO
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	620	180	U	
106-93-4	1,2-Dibromoethane	ND	500	160	U	
142-28-9	1,3-Dichloropropane	ND	620	180	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	620	180	U	
108-86-1	Bromobenzene	ND	620	180	U	
104-51-8	n-Butylbenzene	ND	620	180	U	
135-98-8	sec-Butylbenzene	ND	620	180	U	
98-06-6	tert-Butylbenzene	ND	620	180	U	
95-49-8	o-Chlorotoluene	ND	620	180	U	
106-43-4	p-Chlorotoluene	ND	620	180	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	620	180	U	
87-68-3	Hexachlorobutadiene	ND	620	180	U	
98-82-8	Isopropylbenzene	ND	620	180	U	
99-87-6	p-Isopropyltoluene	ND	620	180	U	
91-20-3	Naphthalene	ND	620	180	U	
103-65-1	n-Propylbenzene	ND	620	180	U	
87-61-6	1,2,3-Trichlorobenzene	ND	620	180	U	
120-82-1	1,2,4-Trichlorobenzene	ND	620	180	U	
108-67-8	1,3,5-Trimethylbenzene	ND	620	180	U	
95-63-6	1,2,4-Trimethylbenzene	ND	620	180	U	
123-91-1	1,4-Dioxane	ND	62000	15000	U	R
105-05-5	p-Diethylbenzene	ND	500	180	U	
622-96-8	p-Ethyltoluene	ND	500	180	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	500	140	U	
60-29-7	Ethyl ether	ND	620	180	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-22D2	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 23:33
Sample Matrix	: WATER	**Dilution Factor**	: 250
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190815N12	**Instrument ID**	: GONZO
Sample Amount	: 0.04 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L				
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**	
110-57-6	trans-1,4-Dichloro-2-butene	ND	620	180	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-22D2	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 23:33
Sample Matrix	: WATER	**Dilution Factor**	: 250
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190815N12	**Instrument ID**	: GONZO
Sample Amount	: 0.04 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-23D	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:58
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N13	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	2400	25	9.0	
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.2	U
563-58-6	1,1-Dichloropropene	ND	120	35.	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	1000	50	3.6	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-23D	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:58
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N13	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	120	35.	U
75-35-4	1,1-Dichloroethene	28	25	8.4	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U
79-01-6	Trichloroethene	1200	25	8.8	
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U
1634-04-4	Methyl tert butyl ether	ND	120	35.	U
179601-23-1	p/m-Xylene	ND	120	35.	U
95-47-6	o-Xylene	ND	120	35.	U
1330-20-7	Xylenes, Total	ND	120	35.	U
156-59-2	cis-1,2-Dichloroethene	9500	120	35.	
540-59-0	1,2-Dichloroethene, Total	9500	120	35.	
74-95-3	Dibromomethane	ND	250	50.	U
96-18-4	1,2,3-Trichloropropane	ND	120	35.	U
107-13-1	Acrylonitrile	ND	250	75.	U
100-42-5	Styrene	ND	120	35.	U
75-71-8	Dichlorodifluoromethane	ND	250	50.	U
67-64-1	Acetone	ND	250	73.	U UJ
75-15-0	Carbon disulfide	ND	250	50.	U
78-93-3	2-Butanone	ND	250	97.	U
108-05-4	Vinyl acetate	ND	250	50.	U
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U
591-78-6	2-Hexanone	ND	250	50.	U
74-97-5	Bromochloromethane	ND	120	35.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-23D	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:58
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N13	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	120	35.	U	
106-93-4	1,2-Dibromoethane	ND	100	32.	U	
142-28-9	1,3-Dichloropropane	ND	120	35.	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	120	35.	U	
108-86-1	Bromobenzene	ND	120	35.	U	
104-51-8	n-Butylbenzene	ND	120	35.	U	
135-98-8	sec-Butylbenzene	ND	120	35.	U	
98-06-6	tert-Butylbenzene	ND	120	35.	U	
95-49-8	o-Chlorotoluene	ND	120	35.	U	
106-43-4	p-Chlorotoluene	ND	120	35.	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U	
87-68-3	Hexachlorobutadiene	ND	120	35.	U	
98-82-8	Isopropylbenzene	ND	120	35.	U	
99-87-6	p-Isopropyltoluene	ND	120	35.	U	
91-20-3	Naphthalene	ND	120	35.	U	
103-65-1	n-Propylbenzene	ND	120	35.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	120	35.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	120	35.	U	
123-91-1	1,4-Dioxane	ND	12000	3000	U	R
105-05-5	p-Diethylbenzene	ND	100	35.	U	
622-96-8	p-Ethyltoluene	ND	100	35.	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	27.	U	
60-29-7	Ethyl ether	ND	120	35.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-23D	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 23:58
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190815N13	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	120	35.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-23D	**Date Collected**	: 08/13/19 12:34
Client ID	: MW-10D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 23:58
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190815N13	**Instrument ID**	: GONZO
Sample Amount	: 0.2 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 21:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936459
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936459-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/15/19 21:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: VG190815N07	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
001066-40-6	Silanol, trimethyl-	5.37	1.75	NJ
	Total TIC Compounds		1.75J	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-26	Date Collected	: 08/13/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 20:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-26	Date Collected	: 08/13/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 20:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.9	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-26	Date Collected	: 08/13/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 20:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

DLM 9/20/19

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-26	Date Collected	: 08/13/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 20:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

DLM 9/20/19

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936459
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936459-26	Date Collected	: 08/13/19 00:00
Client ID	: TRIP BLANK	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/15/19 20:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VG190815N05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
001066-40-6	Silanol, trimethyl-	5.37	2.63	NJ
	Total TIC Compounds		2.63J	J

DLM 9/20/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Sample Receipt

L1936459-09: One container for the Volatile Organics analysis was received broken; however, there was adequate sample container to perform the requested analysis.

Volatile Organics

L1936459-13: Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.
The WG1272980-6/-7 MS/MSD recoveries, performed on L1936459-09, are outside the acceptance criteria for tetrachloroethene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.
The WG1273035-6/-7 MS/MSD recoveries, performed on L1936459-21, are outside the acceptance criteria for tetrachloroethene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

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

Authorized Signature:  Amita Naik Report Date: 08/16/19

Title: Technical Director/Representative

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

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 Condensation Product".

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

L1936459

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 2

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE: 08/14/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie De la Fuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental.com

Project Information

Project Name: 11-35 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** NY **Zip:**
Project #: 11845
Sampler's Name: Leif Robertson
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
TCL VOC's + TICS

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	Sample Containers: NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	(LAB USE ONLY)
	1 MW-1S	11845	GW	G	8/13	9:00	3		X	X			
	2 MW-1D	11845	GW	G	8/13	9:03	3		X	X			
	3 MW-2S	11845	GW	G	8/13	9:15	3		X	X			
	4 MW-2D	11845	GW	G	8/13	9:17	3		X	X			
	5 MW-3S	11845	GW	G	8/13	9:30	3		X	X			
	6 MW-3D	11845	GW	G	8/13	9:35	3		X	X			
	7 MW-4S	11845	GW	G	8/13	9:55	3		X	X			
	8 MW-4D	11845	GW	G	8/13	10:00	3		X	X			
	9 MW-5S	11845	GW	G	8/13	10:15	3		X	X			
	10 MW-5D	11845	GW	G	8/13	10:17	3		X	X			

Turnaround Time (Business Days)

Standard Service

☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service

☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☒ Other Cat B
☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* MW-5S MS/MSD sample *

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	8/13/19 16:19	1	2	8/13/19 1930	2 8/13/19 1935
Relinquished by: 3	Date / Time: 8/14/19 0080	Received By: 3	Relinquished By: 4	Date / Time: 4	Received By: 4
Relinquished by: 5	Date / Time: 5	Received By: 5	COOLER INFORMATION		
			Cooler Temp:	pH:	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1936459

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 3

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE: 08/14/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Jake De la Fuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental

Project Information

Project Name: 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** NY **Zip:**
Project #: 11845
Sampler's Name: Leif Robertson
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
TCL VOC's + TIC's

Matrix Codes

L - Liquid
S - Soil
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OL - Oil
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PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	(LAB USE ONLY)
1	MW-6S	11845	GW	G	8/13	1040	3		X	X			
2	MW-6D					1046	3		X	X			
3	MW-7S					1100	3		X	X			
4	MW-7I					1103	3		X	X			
5	MW-7D					1105	3		X	X			
6	MW-8S					1130	3		X	X			
7	MW-8D					1140	3		X	X			
8	MW-9S					1200	3		X	X			
9	MW-9I					1201	3		X	X			
10	MW-7D					1204	3		X	X			

Turnaround Time (Business Days)

Standard Service
☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service
☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☒ Other Cat B
☐ EDD Format_____
(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		8/13/19 1619	1	2	8/13/19 1930	2 8/15/19 1730
3		8/14/19 0830	3	4	Date / Time:	4
5	Relinquished by:	Date / Time:	5 Received By:			

COOLER INFORMATION
Cooler Temp:_____ pH:_____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1936459

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 3 of 3

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE: 08/14/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie De Lafuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: JdeLafuente@impactenvironmental.com

Project Information

Project Name: 11-35 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** **Zip:**
Project #: 11845
Sampler's Name: Leif Robertson
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
TCL VOC's + TIC's

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	(LAB USE ONLY)
1	MW-10S	11845	GW	G	8/13	1230	3		X	Y			
2	MW-10I	"	"	G	"	1231	3		X	Y			
3	MW-10D	"	"	G	"	1234	3		X	X			
4	Field Blank-EQ-GW-1	"	L	G	"	640	3		X	X			
5	Field Blank-EQ-GW-2	"	L	G	"	641	3		X	X			
6	Trip Blank	"	L	—	—	—	2		X				
7													
8													
9													
10													

Turnaround Time (Business Days)

Standard Service
☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service
☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☒ Other Cat B
☐ EDD Format_____
(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* MW-10S MS/MSD Sample *

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		8/13/19 16:19	1	2	8/13/19 1930	2 8/13/19 1930
3	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
		8/14/19 0015	3	4	4	4
5	Relinquished by:	Date / Time:	Received By:	COOLER INFORMATION		
		5	5	Cooler Temp:_____	pH:_____	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

DATA USABILITY SUMMARY REPORT

For

31st Drive

GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1940293

Sampling Date: September 4, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental & Public Health Consultants Inc (EPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive SDG #: L1940293

Client: Impact Environmental Date: October 3, 2019

Laboratory: Alpha Analytical Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide/ PCB	TAL Metals	Hex Cr CN
MW-11S	L1940293-01	Aqueous	X	X	X	X	X
MW-11I	L1940293-02	Aqueous	X	X	X	X	X
MW-11D	L1940293-03	Aqueous	X	X	X	X	X
MW-13S	L1940293-06	Aqueous	X	X	X	X	X
MW-13I	L1940293-07	Aqueous	X	X	X	X	X
MW-13D	L1940293-08	Aqueous	X	X	X	X	X
MW-14S	L1940293-09	Aqueous	X	X	X	X	X
MW-14D	L1940293/10	Aqueous	X	X	X	X	X
DUP-1	L1940293-11	Aqueous	X	X	X	X	X
FIELD BLANK-EQGW-3	L1940293-13	Aqueous	X	X	X	X	X

The data packages contained nine (9) groundwater samples, and one (1) field blank sample. The samples were analyzed via Method SW-846 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7470A, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All groundwater samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Qualifier
L1940293-02, L1940293-03, L1940293-06, L1940293-07, L1940293-09, L1940293-10	Bis (2-ethylhexyl) phthalate	U
L1940293-03	Diethyl phthalate	U
L1940293-08, L1940293-09, L1940293-10, L1940293-11	Benzo(a)anthracene	U
L1940293-08, L1940293-10	Benzo(g,h,i)perylene	U
L1940293-01, L1940293-02, L1940293-03, L1940293-06, L1940293-07, L1940293-08, L1940293-09, L1940293-10, L1940293-11	Fluorene	U
L1940293-07, L1940293-08	Pentachlorophenol	U
L1940293-02, L1940293-07	Phenanthrene	U
L1940293-06, L1940293-07, L1940293-08	Naphthalene	U
L1940293-02	2-Methylnaphthalene	U
L1940293-06	Thallium (Dissolved)	U
L1940293-03	Thallium (Total)	U
L1940293-01, L1940293-03, L1940293-07, L1940293-08, L1940293-09, L1940293-10	Iron (Dissolved)	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1940293-01, L1940293-11	Di-n-octyl phthalate	UJ

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD): The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1940293-01, L1940293-02, L1940293-03, L1940293-06, L1940293-07, L1940293-09, L1940293-08,L1940293-10, L1940293-11	Benzoic acid	R

Surrogates: The following samples were qualified due to poor recoveries:

Sample Identification	Compound	Qualifier
L1940293-11	Naphthalene, Phenanthrene	J

Internal Standards: No data were qualified due to internal standard accuracy.

Matrix Spike (MS): The following samples were qualified due to MS deficiency;

Sample Identification	Compound	Qualifier
L1940293-01, L1940293-11	Arsenic (Total), Selenium (Total), Mercury (Dissolved)	UJ, J

Field Duplicate: Sample L1940293-01 and its duplicate L1940293-11 were collected and submitted for all analyses. The relative percent differences (RPDs) were calculated when both results were detected above the RQL. The following RPDs were calculated.

Compound	L1940293-01 (MW-11S)	L1940293-11 (DUP-1)	%RPD	Qualifier
1,4-Dioxane	9100	11300	21.6	
Aluminum (Total)	2.6	15.7	36	J
Arsenic (Total)	0.00547	0.00446	20.3	
Barium (Dissolved)	0.1695	0.2042	18.6	
Barium (Total)	0.6563	0.4931	28.4	
Beryllium (Total)	0.00147	0.00103	35.2	J
Cadmium (Total)	0.001	0.00065	42.4	J
Calcium (Dissolved)	180	219	19.5	
Calcium (Total)	220	211	4.2	
Chromium (Total)	0.1056	0.07944	28.3	
Cobalt (Dissolved)	0.00088	0.00127	36.3	J
Cobalt (Total)	0.0676	0.04771	34.5	J
Copper (Dissolved)	0.00179	0.00206	14	
Copper (Total)	0.3282	0.2476	28	
Iron (Total)	85.7	60.6	34.3	J
Lead (Total)	0.07925	0.05318	39.4	J
Magnesium (Dissolved)	2.41	2.3	4.7	
Magnesium (Total)	18.5	14.3	25.6	
Manganese (Dissolved)	0.1652	0.3314	66.9	J
Manganese (Total)	2.078	1.482	33.5	J
Nickel(Dissolved)	0.00291	0.00288	1.0	
Nickel (Total)	0.1366	0.09888	32	J
Potassium (Dissolved)	8.3	7.6	8.8	
Potassium (Total)	15.5	13.9	10.9	
Selenium (Total)	0.00892	0.00729	20.1	

Compound	L1940293-01 (MW-11S)	L1940293-11 (DUP-1)	%RPD	Qualifier
Sodium (Dissolved)	56.8	75.2	27.9	
Sodium (Total)	69.2	64.4	7.2	
Thallium (Total)	0.00103	0.00059	54.3	J
Vanadium (Total)	0.1261	0.09222	31	J

Compound Quantitation: Quantitations were acceptable. All tentatively identified compounds (TICs) are considered "tentatively identified" and are estimated (NJ).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:35
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	25	2.5	U
111-44-4	Bis(2-chloroethyl)ether	ND	10	2.5	U
95-50-1	1,2-Dichlorobenzene	ND	10	2.3	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.0	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.2	U
91-94-1	3,3'-Dichlorobenzidine	ND	25	8.1	U
121-14-2	2,4-Dinitrotoluene	ND	25	5.8	U
606-20-2	2,6-Dinitrotoluene	ND	25	4.6	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	10	2.4	U
101-55-3	4-Bromophenyl phenyl ether	ND	10	1.9	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	10	2.6	U
111-91-1	Bis(2-chloroethoxy)methane	ND	25	2.5	U
77-47-4	Hexachlorocyclopentadiene	ND	100	3.4	U
78-59-1	Isophorone	ND	25	6.0	U
98-95-3	Nitrobenzene	ND	10	3.8	U
86-30-6	NDPA/DPA	ND	10	2.1	U
621-64-7	n-Nitrosodi-n-propylamine	ND	25	3.2	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	15	7.7	U
85-68-7	Butyl benzyl phthalate	ND	25	5.8	U
84-74-2	Di-n-butylphthalate	ND	25	1.9	U
117-84-0	Di-n-octylphthalate	ND	25	6.4	U UJ
84-66-2	Diethyl phthalate	ND	25	1.9	U

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:35
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	25	9.1	U
92-52-4	Biphenyl	ND	10	2.3	U
106-47-8	4-Chloroaniline	ND	25	5.3	U
88-74-4	2-Nitroaniline	ND	25	2.5	U
99-09-2	3-Nitroaniline	ND	25	4.1	U
100-01-6	4-Nitroaniline	ND	25	4.0	U
132-64-9	Dibenzofuran	ND	10	2.5	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	50	2.2	U
98-86-2	Acetophenone	ND	25	2.6	U
88-06-2	2,4,6-Trichlorophenol	ND	25	3.0	U
59-50-7	p-Chloro-m-cresol	ND	10	1.8	U
95-57-8	2-Chlorophenol	ND	10	2.4	U
120-83-2	2,4-Dichlorophenol	ND	25	2.0	U
105-67-9	2,4-Dimethylphenol	ND	25	8.9	U
88-75-5	2-Nitrophenol	ND	50	4.2	U
100-02-7	4-Nitrophenol	ND	50	3.4	U
51-28-5	2,4-Dinitrophenol	ND	100	33.	U
534-52-1	4,6-Dinitro-o-cresol	ND	50	9.1	U
108-95-2	Phenol	ND	25	2.8	U
95-48-7	2-Methylphenol	ND	25	2.4	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	25	2.4	U
95-95-4	2,4,5-Trichlorophenol	ND	25	3.9	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:35
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	250	13.	U	R
100-51-6	Benzyl Alcohol	ND	10	2.9	U	
86-74-8	Carbazole	ND	10	2.4	U	

DLM 10/3/19

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940293
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1940293-01D	**Date Collected**	: 09/04/19 12:50
Client ID	: MW-11S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/10/19 12:35
Sample Matrix	: WATER	**Date Extracted**	: 09/05/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 5
Lab File ID	: 40293-01	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.38	5390	NJ
	Total TIC Compounds		5390J	J

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U	
78-59-1	Isophorone	ND	5.0	1.2	U	
98-95-3	Nitrobenzene	ND	2.0	0.77	U	
86-30-6	NDPA/DPA	ND	2.0	0.42	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	3.0	1.5	J	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U	
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.38	U	

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

DLM 10/3/19

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 3

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.43	1240	NJ
	Aldol Condensates (A)	4.19	20.8	J
	Total TIC Compounds		1260J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:23
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U	
78-59-1	Isophorone	ND	5.0	1.2	U	
98-95-3	Nitrobenzene	ND	2.0	0.77	U	
86-30-6	NDPA/DPA	ND	2.0	0.42	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U	
117-81-7	Bis(2-ethylhexyl)phthalate	4.2	3.0	1.5		U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U	
84-74-2	Di-n-butylphthalate	1.1	5.0	0.39	J	
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U	
84-66-2	Diethyl phthalate	2.7	5.0	0.38	J	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:23
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:23
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940293
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1940293-03	**Date Collected**	: 09/04/19 13:00
Client ID	: MW-11D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/09/19 13:23
Sample Matrix	: WATER	**Date Extracted**	: 09/05/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 40293-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.42	1440	NJ
	Aldol Condensates (A)	4.18	32.7	J
	Unknown	12.37	9.05	J
	Total TIC Compounds		1480J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:47
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	4.1	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:47
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	3.5	5.0	0.53	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:47
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:47
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.30	2.58	J
000127-18-4	Tetrachloroethylene	3.41	91.6	NJ
	Aldol Condensates (A)	4.17	89.8	J
	Unknown	5.72	3.05	J
	Unknown	5.92	3.89	J
	Unknown Alkane	6.42	2.4	J
	Unknown Organic Acid	11.03	4.11	J
	Unknown Organic Acid	12.26	2.33	J
	Unknown	12.55	3.34	J
	Unknown	12.56	10.6	J
	Unknown Organic Acid	12.66	86.4	J
	Unknown	14.75	7.05	J
	Unknown Amide	14.87	2.8	J
	Unknown	15.48	2.33	J
	Unknown	16.13	3.96	J
	Total TIC Compounds		316J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:12
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-07	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.8	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:12
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-07	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	1.1	5.0	0.53	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:12
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-07	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:12
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-07	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.41	116	NJ
	Unknown	3.87	5.27	J
	Aldol Condensates (A)	4.17	61	J
	Unknown Organic Acid	12.65	18.6	J
	Unknown Alkane	14.59	4.98	J
	Unknown	14.75	6.47	J
	Unknown Alkane	14.93	5.2	J
	Unknown Alkane	15.26	6.47	J
	Unknown Alkane	15.59	7.78	J
	Unknown Alkane	15.91	8.73	J
	Unknown	16.25	7.49	J
	Unknown Alkane	16.62	6.84	J
	Unknown Alkane	17.03	5.49	J
	Unknown Alkane	17.51	5.45	J
	Unknown Alkane	18.06	5.02	J
	Total TIC Compounds		271J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	14.	3.0	1.5	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	2.0	5.0	0.53	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.22	7.82	J
000127-18-4	Tetrachloroethylene	3.39	92.9	NJ
	Unknown	3.88	7.67	J
	Aldol Condensates (A)	4.19	59.6	J
	Unknown	5.93	3.78	J
	Unknown	6.42	2.84	J
	Unknown	10.82	4.51	J
	Unknown	10.86	5.89	J
	Unknown	10.89	4.8	J
	Unknown	10.99	3.24	J
	Unknown	11.03	6.62	J
	Unknown	12.56	4.07	J
	Unknown Organic Acid	12.65	49.6	J
	Unknown	14.75	11	J
	Unknown	14.87	6.44	J
	Total TIC Compounds		271J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.6	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	0.39	5.0	0.39	J
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.22	1.93	J
	Unknown	3.40	1.71	J
	Unknown	3.88	1.64	J
	Aldol Condensates (A)	4.18	35	J
	Unknown	4.82	1.64	J
	Unknown	5.73	4	J
	Unknown	5.93	1.49	J
	Unknown Organic Acid	13.49	2.73	J
	Unknown	14.75	4.91	J
	Unknown Amide	14.87	1.6	J
	Total TIC Compounds		56.7J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.9	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	4.5	5.0	0.53	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.59	2.84	J
	Unknown Alkene	3.21	7.13	J
	Unknown	3.31	3.16	J
000127-18-4	Tetrachloroethylene	3.41	49.1	NJ
	Unknown	3.86	7.82	J
	Aldol Condensates (A)	4.17	43	J
	Unknown	5.92	3.89	J
	Unknown	6.41	4.18	J
	Unknown	6.82	2.91	J
	Unknown Organic Acid	11.03	4	J
	Unknown Alkane	12.55	3.42	J
	Unknown Organic Acid	12.56	22.7	J
	Unknown Organic Acid	12.65	56.6	J
	Unknown	14.75	5.05	J
	Unknown Organic Acid	16.13	4.69	J
	Total TIC Compounds		220J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-11	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	25	2.5	U
111-44-4	Bis(2-chloroethyl)ether	ND	10	2.5	U
95-50-1	1,2-Dichlorobenzene	ND	10	2.3	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.0	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.2	U
91-94-1	3,3'-Dichlorobenzidine	ND	25	8.1	U
121-14-2	2,4-Dinitrotoluene	ND	25	5.8	U
606-20-2	2,6-Dinitrotoluene	ND	25	4.6	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	10	2.4	U
101-55-3	4-Bromophenyl phenyl ether	ND	10	1.9	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	10	2.6	U
111-91-1	Bis(2-chloroethoxy)methane	ND	25	2.5	U
77-47-4	Hexachlorocyclopentadiene	ND	100	3.4	U
78-59-1	Isophorone	ND	25	6.0	U
98-95-3	Nitrobenzene	ND	10	3.8	U
86-30-6	NDPA/DPA	ND	10	2.1	U
621-64-7	n-Nitrosodi-n-propylamine	ND	25	3.2	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	15	7.7	U
85-68-7	Butyl benzyl phthalate	ND	25	5.8	U
84-74-2	Di-n-butylphthalate	ND	25	1.9	U
117-84-0	Di-n-octylphthalate	ND	25	6.4	U UJ
84-66-2	Diethyl phthalate	ND	25	1.9	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-11	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	25	9.1	U
92-52-4	Biphenyl	ND	10	2.3	U
106-47-8	4-Chloroaniline	ND	25	5.3	U
88-74-4	2-Nitroaniline	ND	25	2.5	U
99-09-2	3-Nitroaniline	ND	25	4.1	U
100-01-6	4-Nitroaniline	ND	25	4.0	U
132-64-9	Dibenzofuran	ND	10	2.5	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	50	2.2	U
98-86-2	Acetophenone	ND	25	2.6	U
88-06-2	2,4,6-Trichlorophenol	ND	25	3.0	U
59-50-7	p-Chloro-m-cresol	ND	10	1.8	U
95-57-8	2-Chlorophenol	ND	10	2.4	U
120-83-2	2,4-Dichlorophenol	ND	25	2.0	U
105-67-9	2,4-Dimethylphenol	ND	25	8.9	U
88-75-5	2-Nitrophenol	ND	50	4.2	U
100-02-7	4-Nitrophenol	ND	50	3.4	U
51-28-5	2,4-Dinitrophenol	ND	100	33.	U
534-52-1	4,6-Dinitro-o-cresol	ND	50	9.1	U
108-95-2	Phenol	ND	25	2.8	U
95-48-7	2-Methylphenol	ND	25	2.4	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	25	2.4	U
95-95-4	2,4,5-Trichlorophenol	ND	25	3.9	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-11	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	250	13.	U	R
100-51-6	Benzyl Alcohol	ND	10	2.9	U	
86-74-8	Carbazole	ND	10	2.4	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/10/19 12:59
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 40293-11	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.38	72.7	NJ
	Total TIC Compounds		72.7J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 16:13
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-13	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.5	3.0	1.5	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	0.52	5.0	0.38	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 16:13
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-13	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 16:13
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-13	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 16:13
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40293-13	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	3.30	1.67	J
000127-18-4	Tetrachloroethylene	3.40	5.38	NJ
	Aldol Condensates (A)	4.18	37.9	J
	Unknown	5.36	5.42	J
	Unknown	5.72	1.78	J
	Unknown Alkane	6.42	1.74	J
	Unknown Organic Acid	12.74	1.78	J
	Unknown	13.49	4.14	J
	Unknown	14.75	6.36	J
	Unknown	14.87	1.53	J
	Total TIC Compounds		67.7J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 18:17
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-01	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.05	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.04	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.43	0.10	0.05		
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U	
218-01-9	Chrysene	ND	0.10	0.01	U	
208-96-8	Acenaphthylene	0.03	0.10	0.01	J	
120-12-7	Anthracene	0.03	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U	
86-73-7	Fluorene	0.06	0.10	0.01	J	U
85-01-8	Phenanthrene	0.19	0.10	0.02		
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.05	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	0.16	0.10	0.02		
87-86-5	Pentachlorophenol	ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 18:33
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-02	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.03	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.02	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.12	0.10	0.05		
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U	
218-01-9	Chrysene	ND	0.10	0.01	U	
208-96-8	Acenaphthylene	0.01	0.10	0.01	J	
120-12-7	Anthracene	0.02	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U	
86-73-7	Fluorene	0.03	0.10	0.01	J	U
85-01-8	Phenanthrene	0.08	0.10	0.02	J	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	ND	0.10	0.02	U	
91-57-6	2-Methylnaphthalene	0.05	0.10	0.02	J	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 18:49
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-03	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.03	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.05	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.16	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	0.03	0.10	0.01	J
120-12-7	Anthracene	0.14	0.10	0.01	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J U
85-01-8	Phenanthrene	0.17	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.07	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.15	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 19:04
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-06	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.03	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.04	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.08	0.10	0.05	J	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U	
50-32-8	Benzo(a)pyrene	0.02	0.10	0.02	J	
205-99-2	Benzo(b)fluoranthene	0.03	0.10	0.01	J	
207-08-9	Benzo(k)fluoranthene	0.01	0.10	0.01	J	
218-01-9	Chrysene	ND	0.10	0.01	U	
208-96-8	Acenaphthylene	ND	0.10	0.01	U	
120-12-7	Anthracene	0.02	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U	
86-73-7	Fluorene	0.04	0.10	0.01	J	U
85-01-8	Phenanthrene	0.15	0.10	0.02		
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.04	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 11:22
Sample Matrix	: WATER	Date Extracted	: 09/08/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-07	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.01	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.03	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.08	0.10	0.05	J	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U	
218-01-9	Chrysene	ND	0.10	0.01	U	
208-96-8	Acenaphthylene	ND	0.10	0.01	U	
120-12-7	Anthracene	0.02	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U	
86-73-7	Fluorene	0.02	0.10	0.01	J	U
85-01-8	Phenanthrene	0.07	0.10	0.02	J	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.02	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	0.04	0.10	0.02	J	
87-86-5	Pentachlorophenol	0.15	0.80	0.01	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 11:29
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-08	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.02	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.02	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.08	0.10	0.05	J	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	0.02	0.10	0.01	J	
207-08-9	Benzo(k)fluoranthene	0.01	0.10	0.01	J	
218-01-9	Chrysene	0.01	0.10	0.01	J	
208-96-8	Acenaphthylene	ND	0.10	0.01	U	
120-12-7	Anthracene	0.02	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	0.02	0.10	0.01	J	U
86-73-7	Fluorene	0.03	0.10	0.01	J	U
85-01-8	Phenanthrene	0.13	0.10	0.02		
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.03	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J	
87-86-5	Pentachlorophenol	0.21	0.80	0.01	J	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 19:52
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-09	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.03	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.04	0.10	0.02	J U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	0.02	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.04	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.09	0.10	0.01	J U
85-01-8	Phenanthrene	0.25	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.04	0.10	0.02	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 19:24
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-10	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.05	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.03	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.14	0.10	0.05		
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	0.03	0.10	0.01	J	
207-08-9	Benzo(k)fluoranthene	0.01	0.10	0.01	J	
218-01-9	Chrysene	0.02	0.10	0.01	J	
208-96-8	Acenaphthylene	ND	0.10	0.01	U	
120-12-7	Anthracene	0.04	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	0.02	0.10	0.01	J	U
86-73-7	Fluorene	0.06	0.10	0.01	J	U
85-01-8	Phenanthrene	0.16	0.10	0.02		
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.03	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	0.12	0.10	0.02		
87-86-5	Pentachlorophenol	ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 19:40
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-11	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.06	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.03	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.35	0.10	0.05		J
56-55-3	Benzo(a)anthracene	0.04	0.10	0.02	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U	
218-01-9	Chrysene	0.04	0.10	0.01	J	
208-96-8	Acenaphthylene	ND	0.10	0.01	U	
120-12-7	Anthracene	0.03	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U	
86-73-7	Fluorene	0.10	0.10	0.01	J	U
85-01-8	Phenanthrene	0.29	0.10	0.02		J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.04	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	0.08	0.10	0.02	J	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.06	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 19:57
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40293-13	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	0.01	0.10	0.01	J
86-73-7	Fluorene	0.03	0.10	0.01	J
85-01-8	Phenanthrene	0.10	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	0.13	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 15:41
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071914	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	9100	139	31.4	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 16:00
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071915	Analyst	: PS
Sample Amount	: 260 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	78.8	144	32.6	J

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 16:20
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071916	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	1630	139	31.4	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 16:39
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071917	Analyst	: PS
Sample Amount	: 260 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	95.3	144	32.6	J

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 16:58
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071918	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	153.	139	31.4	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 17:18
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071919	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	264.	139	31.4	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 17:37
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071920	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 17:56
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071921	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	96.8	139	31.4	J

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 18:15
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071922	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	11300	139	31.4	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 18:34
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071923	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 12:35
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-11	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 12:48
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-12	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:02
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-13	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:15
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-14	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:29
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-15	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:43
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-16	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 22:38
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190905a-34	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 13:56
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-17	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/09/19 14:10
Sample Matrix	: WATER	Date Extracted	: 09/09/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190909a-18	Analyst	: WR
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 23:18
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190905a-37	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 04:25
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-34	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 04:25
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-34	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 04:13
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-33	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 04:13
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-33	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 04:00
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-32	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 04:00
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-32	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:48
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-31	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:48
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-31	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:35
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-30	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:35
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-30	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:22
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-29	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:22
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-29	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:10
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-28	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 03:10
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-28	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 02:57
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-27	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 02:57
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-27	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 02:45
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-26	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 02:45
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-26	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 02:32
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-25	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 02:32
Sample Matrix	: WATER	Date Extracted	: 09/05/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190905d-25	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 09:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00606	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	0.00050	0.00400	0.00042	J	
7440-38-2	Arsenic, Dissolved	0.00038	0.00050	0.00016	J	
7440-39-3	Barium, Dissolved	0.1695	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Dissolved	180.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U	
7440-48-4	Cobalt, Dissolved	0.00088	0.00050	0.00016		
7440-50-8	Copper, Dissolved	0.00179	0.00100	0.00038		
7439-89-6	Iron, Dissolved	0.0294	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	2.41	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.1652	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00291	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	8.30	0.100	0.0309		
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	56.8	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 09:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0405	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00061	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00048	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.1234	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	54.5	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00039	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00696	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0985	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	3.07	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.06672	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00147	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	7.06	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	17.2	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	0.00205	0.00500	0.00157	J
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 09:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00679	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Dissolved	0.00021	0.00050	0.00016	J	
7440-39-3	Barium, Dissolved	0.6026	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U	
7440-48-4	Cobalt, Dissolved	0.00195	0.00050	0.00016		
7440-50-8	Copper, Dissolved	0.00251	0.00100	0.00038		
7439-89-6	Iron, Dissolved	0.0263	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	42.6	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	3.879	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00482	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	20.2	0.100	0.0309		
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	188.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:45
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Dissolved	627.	5.00	1.97	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 10:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00956	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	0.00128	0.00400	0.00042	J	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.1479	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	0.00024	0.00020	0.00005		
7440-70-2	Calcium, Dissolved	103.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U	
7440-48-4	Cobalt, Dissolved	0.00268	0.00050	0.00016		
7440-50-8	Copper, Dissolved	0.00061	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0742	0.0500	0.0191		
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	18.9	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	1.276	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00582	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	6.60	0.100	0.0309		
7782-49-2	Selenium, Dissolved	0.00498	0.00500	0.00173	J	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	167.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	0.00028	0.00050	0.00014	J	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 10:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00421	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	0.00063	0.00400	0.00042	J	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.05964	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	0.00025	0.00020	0.00005		
7440-70-2	Calcium, Dissolved	119.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U	
7440-48-4	Cobalt, Dissolved	0.00485	0.00050	0.00016		
7440-50-8	Copper, Dissolved	0.00049	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0231	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	30.0	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.9584	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00683	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	6.12	0.100	0.0309		
7782-49-2	Selenium, Dissolved	0.00194	0.00500	0.00173	J	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	154.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

ALPHA ANALYTICAL

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 10:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00404	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.05670	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Dissolved	109.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	0.00026	0.00100	0.00017	J	
7440-48-4	Cobalt, Dissolved	0.00313	0.00050	0.00016		
7440-50-8	Copper, Dissolved	0.00090	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0214	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	47.1	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.5954	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00499	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	8.36	0.100	0.0309		
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	155.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 10:43
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.0466	0.0100	0.00327		
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.09796	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Dissolved	92.3	0.100	0.0394		
7440-47-3	Chromium, Dissolved	0.00310	0.00100	0.00017		
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U	
7440-50-8	Copper, Dissolved	0.00060	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0476	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	14.7	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.02883	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00119	0.00200	0.00055	J	
7440-09-7	Potassium, Dissolved	4.89	0.100	0.0309		
7782-49-2	Selenium, Dissolved	0.00333	0.00500	0.00173	J	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	103.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	0.00452	0.01000	0.00341	J	

ALPHA ANALYTICAL

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 10:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.0132	0.0100	0.00327		
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.08263	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	0.00014	0.00020	0.00005	J	
7440-70-2	Calcium, Dissolved	119.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	0.00019	0.00100	0.00017	J	
7440-48-4	Cobalt, Dissolved	0.00212	0.00050	0.00016		
7440-50-8	Copper, Dissolved	0.00068	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0475	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	44.2	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.5869	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00507	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	5.29	0.100	0.0309		
7782-49-2	Selenium, Dissolved	0.00180	0.00500	0.00173	J	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	251.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 10:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00026	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.2042	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00007	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	219.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00127	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00206	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	2.30	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.3314	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00288	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	7.60	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	75.2	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 18:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.00039	0.00050	0.00017	J
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	ND	0.100	0.0394	U
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	ND	0.00100	0.00044	U
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	ND	0.100	0.0293	U
7440-28-0	Thallium, Dissolved	0.00016	0.00050	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	22.6	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00547	0.00050	0.00016	J
7440-39-3	Barium, Total	0.6563	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00147	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00100	0.00020	0.00005	
7440-70-2	Calcium, Total	220.	0.100	0.0394	
7440-47-3	Chromium, Total	0.1056	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.06760	0.00050	0.00016	
7440-50-8	Copper, Total	0.3282	0.00100	0.00038	
7439-89-6	Iron, Total	85.7	0.0500	0.0191	
7439-92-1	Lead, Total	0.07925	0.00100	0.00034	
7439-95-4	Magnesium, Total	18.5	0.0700	0.0242	
7439-96-5	Manganese, Total	2.078	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1366	0.00200	0.00055	
7440-09-7	Potassium, Total	15.5	0.100	0.0309	
7782-49-2	Selenium, Total	0.00892	0.00500	0.00173	J
7440-22-4	Silver, Total	0.00036	0.00040	0.00016	J
7440-23-5	Sodium, Total	69.2	0.100	0.0293	
7440-28-0	Thallium, Total	0.00103	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1261	0.00500	0.00157	
7440-66-6	Zinc, Total	0.2024	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	61.3	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.01267	0.00050	0.00016	
7440-39-3	Barium, Total	2.487	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00608	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00452	0.00020	0.00005	
7440-70-2	Calcium, Total	181.	0.100	0.0394	
7440-47-3	Chromium, Total	0.2406	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.2542	0.00050	0.00016	
7440-50-8	Copper, Total	1.823	0.00100	0.00038	
7439-89-6	Iron, Total	189.	0.0500	0.0191	
7439-92-1	Lead, Total	0.3541	0.00100	0.00034	
7439-95-4	Magnesium, Total	96.5	0.0700	0.0242	
7440-02-0	Nickel, Total	0.4054	0.00200	0.00055	
7440-09-7	Potassium, Total	26.4	0.100	0.0309	
7782-49-2	Selenium, Total	0.0297	0.00500	0.00173	
7440-22-4	Silver, Total	0.00220	0.00040	0.00016	
7440-23-5	Sodium, Total	13.4	0.100	0.0293	
7440-28-0	Thallium, Total	0.00208	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1702	0.00500	0.00157	
7440-66-6	Zinc, Total	0.6556	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 13:45
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-96-5	Manganese, Total	25.34	0.05000	0.02200	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:42
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	626.	5.00	1.97	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	2.09	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00122	0.00050	0.00016	
7440-39-3	Barium, Total	0.6262	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00010	0.00020	0.00005	J
7440-47-3	Chromium, Total	0.02497	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00686	0.00050	0.00016	
7440-50-8	Copper, Total	0.03891	0.00100	0.00038	
7439-89-6	Iron, Total	9.46	0.0500	0.0191	
7439-92-1	Lead, Total	0.00692	0.00100	0.00034	
7439-95-4	Magnesium, Total	45.1	0.0700	0.0242	
7439-96-5	Manganese, Total	4.059	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01685	0.00200	0.00055	
7440-09-7	Potassium, Total	21.1	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	186.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00018	0.00050	0.00014	J U
7440-62-2	Vanadium, Total	0.01041	0.00500	0.00157	
7440-66-6	Zinc, Total	0.02140	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	63.8	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00619	0.00050	0.00016	
7440-39-3	Barium, Total	1.191	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00310	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00166	0.00020	0.00005	
7440-70-2	Calcium, Total	111.	0.100	0.0394	
7440-47-3	Chromium, Total	0.2058	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.09060	0.00050	0.00016	
7440-50-8	Copper, Total	0.1235	0.00100	0.00038	
7439-89-6	Iron, Total	119.	0.0500	0.0191	
7439-92-1	Lead, Total	0.06906	0.00100	0.00034	
7439-95-4	Magnesium, Total	55.8	0.0700	0.0242	
7439-96-5	Manganese, Total	6.963	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1431	0.00200	0.00055	
7440-09-7	Potassium, Total	25.6	0.100	0.0309	
7782-49-2	Selenium, Total	0.0172	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	147.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00157	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1716	0.00500	0.00157	
7440-66-6	Zinc, Total	0.3150	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.122	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.05195	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Total	117.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00072	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00454	0.00050	0.00016	
7440-50-8	Copper, Total	0.00179	0.00100	0.00038	
7439-89-6	Iron, Total	0.499	0.0500	0.0191	
7439-92-1	Lead, Total	0.00072	0.00100	0.00034	J
7439-95-4	Magnesium, Total	28.2	0.0700	0.0242	
7439-96-5	Manganese, Total	0.8411	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00652	0.00200	0.00055	
7440-09-7	Potassium, Total	6.49	0.100	0.0309	
7782-49-2	Selenium, Total	0.00182	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	149.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00811	0.01000	0.00341	J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.640	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00043	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00041	0.00050	0.00016	J
7440-39-3	Barium, Total	0.05570	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00008	0.00020	0.00005	J
7440-70-2	Calcium, Total	112.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00198	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00469	0.00050	0.00016	
7440-50-8	Copper, Total	0.00474	0.00100	0.00038	
7439-89-6	Iron, Total	1.75	0.0500	0.0191	
7439-92-1	Lead, Total	0.00176	0.00100	0.00034	
7439-95-4	Magnesium, Total	49.0	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6917	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00688	0.00200	0.00055	
7440-09-7	Potassium, Total	8.89	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	157.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00309	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.00699	0.01000	0.00341	J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 14:44
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-96-5	Manganese, Total	20.64	0.05000	0.02200	

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METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	64.2	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00044	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01883	0.00050	0.00016	
7440-39-3	Barium, Total	2.668	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00625	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00454	0.00020	0.00005	
7440-70-2	Calcium, Total	152.	0.100	0.0394	
7440-47-3	Chromium, Total	0.2050	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1838	0.00050	0.00016	
7440-50-8	Copper, Total	0.4670	0.00100	0.00038	
7439-89-6	Iron, Total	164.	0.0500	0.0191	
7439-92-1	Lead, Total	0.2043	0.00100	0.00034	
7439-95-4	Magnesium, Total	76.1	0.0700	0.0242	
7440-02-0	Nickel, Total	0.2619	0.00200	0.00055	
7440-09-7	Potassium, Total	18.9	0.100	0.0309	
7782-49-2	Selenium, Total	0.0438	0.00500	0.00173	
7440-22-4	Silver, Total	0.00046	0.00040	0.00016	
7440-23-5	Sodium, Total	105.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00102	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1679	0.00500	0.00157	
7440-66-6	Zinc, Total	0.5646	0.01000	0.00341	

ALPHA ANALYTICAL

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.912	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00084	0.00050	0.00016	
7440-39-3	Barium, Total	0.09674	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Total	116.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00573	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00440	0.00050	0.00016	
7440-50-8	Copper, Total	0.01403	0.00100	0.00038	
7439-89-6	Iron, Total	4.20	0.0500	0.0191	
7439-92-1	Lead, Total	0.00305	0.00100	0.00034	
7439-95-4	Magnesium, Total	44.4	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6839	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00869	0.00200	0.00055	
7440-09-7	Potassium, Total	5.46	0.100	0.0309	
7782-49-2	Selenium, Total	0.00222	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	245.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00591	0.00500	0.00157	
7440-66-6	Zinc, Total	0.01328	0.01000	0.00341	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	15.7	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00446	0.00050	0.00016	J
7440-39-3	Barium, Total	0.4931	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00103	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00065	0.00020	0.00005	
7440-70-2	Calcium, Total	211.	0.100	0.0394	
7440-47-3	Chromium, Total	0.07944	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.04771	0.00050	0.00016	
7440-50-8	Copper, Total	0.2476	0.00100	0.00038	
7439-89-6	Iron, Total	60.6	0.0500	0.0191	
7439-92-1	Lead, Total	0.05318	0.00100	0.00034	
7439-95-4	Magnesium, Total	14.3	0.0700	0.0242	
7439-96-5	Manganese, Total	1.482	0.00100	0.00044	
7440-02-0	Nickel, Total	0.09888	0.00200	0.00055	
7440-09-7	Potassium, Total	13.9	0.100	0.0309	
7782-49-2	Selenium, Total	0.00729	0.00500	0.00173	J
7440-22-4	Silver, Total	0.00024	0.00040	0.00016	J
7440-23-5	Sodium, Total	64.4	0.100	0.0293	
7440-28-0	Thallium, Total	0.00059	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.09222	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1574	0.01000	0.00341	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:07
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1280982.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00058	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00018	0.00050	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U	UJ

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U	UJ

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 18:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 11:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	0.002	0.005	0.001	J

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:01
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:07
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 12:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 13:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: ML
Lab File ID	: OM_9-6-2019_11-19-16AM3	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-01	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-02	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-03	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-06	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-07	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-08	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-10	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-11	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	0.003	0.010	0.003	J

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940293
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940293-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 07:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW/JA
Lab File ID	: WG1280455.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/05/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

September 12, 2019: This final report includes the results of all requested analyses.

September 10, 2019: This is a preliminary report.

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

Sample Receipt

L1940293-04: A sample identified as "MW-12S" was listed on the Chain of Custody, but not received. This was verified by the client.

L1940293-05: A sample identified as "MW-12D" was listed on the Chain of Custody, but not received. This was verified by the client.

L1940293-09: The sample identified as "MW-14S" on the chain of custody was identified as "MW-14-S" on the container label. At the client's request, the sample is reported as "MW-14S".

L1940293-10: The sample identified as "MW-14D" on the chain of custody was identified as "MW-14-D" on the container label. At the client's request, the sample is reported as "MW-14D".

L1940293-11: The sample identified as "DUPE-1" on the chain of custody was identified as "DUP-1" on the container label. At the client's request, the sample is reported as "DUP-1".

L1940293-12: A sample identified as "DUP-2" was listed on the Chain of Custody, but not received. This was verified by the client.

Semivolatile Organics

L1940293-01 and -11: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1940293-13: The Field Blank has a result for Bis(2-ethylhexyl)phthalate present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1280586-2/-3 LCS/LCSD recoveries, associated with L1940293-01, -02, -03, -06, -07, -08, -09, -

Case Narrative (continued)

10, -11, and -13, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Semivolatile Organics by SIM

L1940293-13: The Field Blank has a result for Phenanthrene present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

PCBs

The WG1280288-1 Method Blank, associated with L1940293-09 and -13, 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.

Pesticides

L1940293-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

Total Metals

L1940293-13: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1280781-3 MS recoveries for aluminum (215%), calcium (70%) and iron (0%), performed on L1940293-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1280781-3 MS recoveries, performed on L1940293-01, are outside the acceptance criteria for antimony (46%), arsenic (57%) and selenium (53%). A post digestion spike was performed and was within acceptance criteria.

Case Narrative (continued)

The WG1280781-4 Laboratory Duplicate RPD for thallium (30%), performed on L1940293-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Dissolved Mercury

The WG1281165-3 MS recovery, performed on L1940293-01, is outside the acceptance criteria for mercury (50%). 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:  Report Date: 09/12/19

Title: Technical Director/Representative

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

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.

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

L19410293

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 2

LAB NAME: Alpha Labs

RECEIVED DATE: 9/5/14

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LELF ROBERTSON
Sampler's Signature:

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GPB2 Analysis	VOCs 8260 (CPS1 Analyte List)	TCL SVOCs + TICs Method 8270D	TCL PCBs Method 8082A	TCL Organochlorine Pesticides 8081B	TAL Metals 6010/Mercury 7471B	TAL dissolved metals 6010/Mercury 7470B	(LAB USE ONLY)
	1 MW-11S	11845	L		9/4/14	1250			X										X	X	X	X	X	
	2 MW-11I					1255			X										X	X	X	X	X	
	3 MW-11D					1300			X										X	X	X	X	X	
	4 MW-12S					1330			X										X	X	X	X	X	
	5 MW-12D					1340			X										X	X	X	X	X	
	6 MW-13S					1400			X										X	X	X	X	X	
	7 MW-13I					1403			X										X	X	X	X	X	
	8 MW-13D					1407			X										X	X	X	X	X	
	9 MW-14S					1411			X										X	X	X	X	X	
	10 MW-14D					1416			X										X	X	X	X	X	

Turnaround Time (Business Days)

Standard Service
- [ ] Standard - 5 day
- [ ] Standard - 4 day
- [X] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other
- [ ] EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Additional analytes: Total Cyanide 9010C
Hexavalent Chromium 7196A
1,4-Dioxane Method 8270 Sim w/Isotope Dilution

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LELF ROBERTSON	9-4-14 1710	MGAR (ADD)	MGAR	9-4 2025	
2						
3		9/5/14 945				
4						
5						

COOLER INFORMATION
Cooler Temp: pH: [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1940293

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 2

LAB NAME: Alpha Labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL SVOCs + TICs method 8270	TCL PCB's method 8082A	TCL Pesticides method 8081B	TAL metals 6010D/Mercury 7471B	TAL dissolved metals 6010D/Mercury 7470A	(LAB USE ONLY)
	1 DUPE-1	11845	L		9/4/19	1250	2		X										X	X	X	X	X	
	2 DUPE-2	↓	↓		↓	1340	2		X										X	X	X	X	X	
	3 FIELD BLANK-EQGW-3	↓	↓		↓	1405	1		X										X	X	X	X	X	
	4																							
	5																							
	6																							
	7																							
	8																							
	9																							
	10																							

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

Turnaround Time (Business Days)

Standard Service

- [ ] Standard - 5 day
- [ ] Standard - 4 day
- [X] Standard - 3 day

Rush Service

- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)

TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other
- [ ] EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Additional analytes: Total cyanide 9010C
Hexavalent chromium 7196A
1,4 Dioxane method 8270 sim with isotope dilution

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-19 1710	MGAR (CAL)	MGAR	9-4 2025	
2	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
3		9/5/19 0015				
4	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
5						

COOLER INFORMATION

Cooler Temp: pH: ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

DATA USABILITY SUMMARY REPORT

For

31st Drive

GROUNDWATER SAMPLES

Organics

SDG No L1940294

Sampling Date: September 4, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental & Public Health Consultants Inc (EPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Site: 31st Drive

SDG #: L1940294

Client: Impact Environmental

Date: October 3, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL VOCs
MW-11S	L1940294-01	Aqueous	X
MW-11I	L1940294-02	Aqueous	X
MW-11D	L1940294-03	Aqueous	X
MW-12S	L1940294-04	Aqueous	X
MW-12D	L1940294-05	Aqueous	X
MW-13S	L1940294-06	Aqueous	X
MW-13I	L1940294-07	Aqueous	X
MW-13D	L1940294-08	Aqueous	X
MW-14S	L1940294-09	Aqueous	X
MW-14D	L1940294-10	Aqueous	X
DUP-1	L1940294-11	Aqueous	X
DUP-2	L1940294-12	Aqueous	X
FIELD BLANK-EQGW-3	L1940294-13	Aqueous	X
TRIP BLANK	L1940294-14	Aqueous	X

The data packages contained eleven (12) groundwater samples, one (1) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All groundwater samples were present for VOC analyses.

Holding Time: Holding times were within acceptable criterion for all samples.

DATA USABILITY SUMMARY REPORT
Organics
USEPA REGION II

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Qualifier
L1940294-05	Naphthalene	U
L1940294-04, L1940294-06, L1940294-07 L1940294-08, L1940294-09, L1940294-10	Tetrachloroethene	U

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample Identification	Compound	Qualifier
L1940294-01, L1940294-02, L1940294-05, L1940294-12	Bomomethane, 2-Butanone	UJ
L1940294-03, L1940294-04	Bromoform, Chloroethane, Acetone, Acrylonitrile, Vinyl acetate, 2-Hexanone, Naphthalene, trans 1,4-Dichloro-2-butene, 1,2-Dibromo-3-chloropropane, 1,2,3-Trichlorobenzene	UJ
L1940294-06, L1940294-07, L1940294-08, L1940294-09, L1940294-10, L1940294-11,	Dichlorodifluoromethane, 2-Hexane, 4-Methyl 2- pentanone, 2,2-Dichloropropane, tert-Butyl benzene, 1,2-Dibromo-3-chloropropane, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene	UJ, J

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD): The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1940294-06, L1940294-07, L1940294-08, L1940294-09, L1940294-10, L1940294-11	1,2,4-Trimethylbenzene, Naphthalene, 1,2,4,5-Tetramethylbenzene, 2-Butanone	UJ

Surrogates: All results were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS): Organic data were not qualified based on MS/MSD data alone.

Field Duplicate: Sample L1940294-01 and L1940294-05 their duplicates L1940294-11 and L1940294-12, respectively, were collected and submitted for VOC analyses. The relative percent differences (RPDs) were calculated when both results were detected above the RQL. The following RPDs were calculated.

Compound	L1940294-01 (MW-11S)	L1940294-11 (DUP-1)	%RPD	Qualifier
Tetrachloroethene	34000	24000	34.5	J
Trichloroethene	410	320	24.7	
cis 1,2-Dichloroethene	2500	1800	32.6	J
1,2-Dichloroethene (Total)	2500	1800	32.6	J

Compound	L1940294-05 (MW-11S)	L1940294-12 (DUP-2)	%RPD	Qualifier
Tetrachloroethene	1600	1700	6.1	
Trichloroethene	560	600	6.9	
cis 1,2-Dichloroethene	280	300	6.9	
1,2-Dichloroethene (Total)	280	300	6.9	

Compound Quantitation: Quantitations were acceptable. All tentatively identified compounds (TICs) are considered “tentatively identified” and are estimated (NJ).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:25
Sample Matrix	: WATER	Dilution Factor	: 200
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A13	Instrument ID	: GONZO
Sample Amount	: 0.05 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	500	140	U
75-34-3	1,1-Dichloroethane	ND	500	140	U
67-66-3	Chloroform	ND	500	140	U
56-23-5	Carbon tetrachloride	ND	100	27.	U
78-87-5	1,2-Dichloropropane	ND	200	27.	U
124-48-1	Dibromochloromethane	ND	100	30.	U
79-00-5	1,1,2-Trichloroethane	ND	300	100	U
127-18-4	Tetrachloroethene	34000	100	36.	J
108-90-7	Chlorobenzene	ND	500	140	U
75-69-4	Trichlorofluoromethane	ND	500	140	U
107-06-2	1,2-Dichloroethane	ND	100	26.	U
71-55-6	1,1,1-Trichloroethane	ND	500	140	U
75-27-4	Bromodichloromethane	ND	100	38.	U
10061-02-6	trans-1,3-Dichloropropene	ND	100	33.	U
10061-01-5	cis-1,3-Dichloropropene	ND	100	29.	U
542-75-6	1,3-Dichloropropene, Total	ND	100	29.	U
563-58-6	1,1-Dichloropropene	ND	500	140	U
75-25-2	Bromoform	ND	400	130	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	33.	U
71-43-2	Benzene	ND	100	32.	U
108-88-3	Toluene	ND	500	140	U
100-41-4	Ethylbenzene	ND	500	140	U
74-87-3	Chloromethane	ND	500	140	U
74-83-9	Bromomethane	ND	500	140	U UJ
75-01-4	Vinyl chloride	210	200	14.	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:25
Sample Matrix	: WATER	Dilution Factor	: 200
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A13	Instrument ID	: GONZO
Sample Amount	: 0.05 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	500	140	U
75-35-4	1,1-Dichloroethene	ND	100	34.	U
156-60-5	trans-1,2-Dichloroethene	ND	500	140	U
79-01-6	Trichloroethene	410	100	35.	
95-50-1	1,2-Dichlorobenzene	ND	500	140	U
541-73-1	1,3-Dichlorobenzene	ND	500	140	U
106-46-7	1,4-Dichlorobenzene	ND	500	140	U
1634-04-4	Methyl tert butyl ether	ND	500	140	U
179601-23-1	p/m-Xylene	ND	500	140	U
95-47-6	o-Xylene	ND	500	140	U
1330-20-7	Xylenes, Total	ND	500	140	U
156-59-2	cis-1,2-Dichloroethene	2500	500	140	J
540-59-0	1,2-Dichloroethene, Total	2500	500	140	J
74-95-3	Dibromomethane	ND	1000	200	U
96-18-4	1,2,3-Trichloropropane	ND	500	140	U
107-13-1	Acrylonitrile	ND	1000	300	U
100-42-5	Styrene	ND	500	140	U
75-71-8	Dichlorodifluoromethane	ND	1000	200	U
67-64-1	Acetone	ND	1000	290	U
75-15-0	Carbon disulfide	ND	1000	200	U
78-93-3	2-Butanone	ND	1000	390	U UJ
108-05-4	Vinyl acetate	ND	1000	200	U
108-10-1	4-Methyl-2-pentanone	ND	1000	200	U
591-78-6	2-Hexanone	ND	1000	200	U
74-97-5	Bromochloromethane	ND	500	140	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:25
Sample Matrix	: WATER	Dilution Factor	: 200
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A13	Instrument ID	: GONZO
Sample Amount	: 0.05 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	500	140	U
106-93-4	1,2-Dibromoethane	ND	400	130	U
142-28-9	1,3-Dichloropropane	ND	500	140	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	140	U
108-86-1	Bromobenzene	ND	500	140	U
104-51-8	n-Butylbenzene	ND	500	140	U
135-98-8	sec-Butylbenzene	ND	500	140	U
98-06-6	tert-Butylbenzene	ND	500	140	U
95-49-8	o-Chlorotoluene	ND	500	140	U
106-43-4	p-Chlorotoluene	ND	500	140	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	500	140	U
87-68-3	Hexachlorobutadiene	ND	500	140	U
98-82-8	Isopropylbenzene	ND	500	140	U
99-87-6	p-Isopropyltoluene	ND	500	140	U
91-20-3	Naphthalene	ND	500	140	U
103-65-1	n-Propylbenzene	ND	500	140	U
87-61-6	1,2,3-Trichlorobenzene	ND	500	140	U
120-82-1	1,2,4-Trichlorobenzene	ND	500	140	U
108-67-8	1,3,5-Trimethylbenzene	ND	500	140	U
95-63-6	1,2,4-Trimethylbenzene	ND	500	140	U
123-91-1	1,4-Dioxane	ND	50000	12000	U
105-05-5	p-Diethylbenzene	ND	400	140	U
622-96-8	p-Ethyltoluene	ND	400	140	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	400	110	U
60-29-7	Ethyl ether	ND	500	140	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:25
Sample Matrix	: WATER	Dilution Factor	: 200
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A13	Instrument ID	: GONZO
Sample Amount	: 0.05 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	500	140	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-01D	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:25
Sample Matrix	: WATER	Dilution Factor	: 200
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A13	Instrument ID	: GONZO
Sample Amount	: 0.05 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-02D	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:00
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A12	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	120	35.	U	
75-34-3	1,1-Dichloroethane	ND	120	35.	U	
67-66-3	Chloroform	ND	120	35.	U	
56-23-5	Carbon tetrachloride	ND	25	6.7	U	
78-87-5	1,2-Dichloropropane	ND	50	6.8	U	
124-48-1	Dibromochloromethane	ND	25	7.4	U	
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U	
127-18-4	Tetrachloroethene	8400	25	9.0		
108-90-7	Chlorobenzene	ND	120	35.	U	
75-69-4	Trichlorofluoromethane	ND	120	35.	U	
107-06-2	1,2-Dichloroethane	ND	25	6.6	U	
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U	
75-27-4	Bromodichloromethane	ND	25	9.6	U	
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U	
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U	
542-75-6	1,3-Dichloropropene, Total	ND	25	7.2	U	
563-58-6	1,1-Dichloropropene	ND	120	35.	U	
75-25-2	Bromoform	ND	100	32.	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U	
71-43-2	Benzene	ND	25	8.0	U	
108-88-3	Toluene	ND	120	35.	U	
100-41-4	Ethylbenzene	ND	120	35.	U	
74-87-3	Chloromethane	ND	120	35.	U	
74-83-9	Bromomethane	ND	120	35.	U	UJ
75-01-4	Vinyl chloride	35	50	3.6	J	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-02D	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:00
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A12	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	120	35.	U	
75-35-4	1,1-Dichloroethene	ND	25	8.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U	
79-01-6	Trichloroethene	150	25	8.8		
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U	
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U	
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U	
1634-04-4	Methyl tert butyl ether	ND	120	35.	U	
179601-23-1	p/m-Xylene	ND	120	35.	U	
95-47-6	o-Xylene	ND	120	35.	U	
1330-20-7	Xylenes, Total	ND	120	35.	U	
156-59-2	cis-1,2-Dichloroethene	710	120	35.		
540-59-0	1,2-Dichloroethene, Total	710	120	35.		
74-95-3	Dibromomethane	ND	250	50.	U	
96-18-4	1,2,3-Trichloropropane	ND	120	35.	U	
107-13-1	Acrylonitrile	ND	250	75.	U	
100-42-5	Styrene	ND	120	35.	U	
75-71-8	Dichlorodifluoromethane	ND	250	50.	U	
67-64-1	Acetone	ND	250	73.	U	
75-15-0	Carbon disulfide	ND	250	50.	U	
78-93-3	2-Butanone	ND	250	97.	U	UJ
108-05-4	Vinyl acetate	ND	250	50.	U	
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U	
591-78-6	2-Hexanone	ND	250	50.	U	
74-97-5	Bromochloromethane	ND	120	35.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-02D	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:00
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A12	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
142-28-9	1,3-Dichloropropane	ND	120	35.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	120	35.	U
108-86-1	Bromobenzene	ND	120	35.	U
104-51-8	n-Butylbenzene	ND	120	35.	U
135-98-8	sec-Butylbenzene	ND	120	35.	U
98-06-6	tert-Butylbenzene	ND	120	35.	U
95-49-8	o-Chlorotoluene	ND	120	35.	U
106-43-4	p-Chlorotoluene	ND	120	35.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U
87-68-3	Hexachlorobutadiene	ND	120	35.	U
98-82-8	Isopropylbenzene	ND	120	35.	U
99-87-6	p-Isopropyltoluene	ND	120	35.	U
91-20-3	Naphthalene	ND	120	35.	U
103-65-1	n-Propylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	35.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	35.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U
105-05-5	p-Diethylbenzene	ND	100	35.	U
622-96-8	p-Ethyltoluene	ND	100	35.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	27.	U
60-29-7	Ethyl ether	ND	120	35.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-02D	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:00
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A12	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	120	35.	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-02D	**Date Collected**	: 09/04/19 12:55
Client ID	: MW-11I	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/08/19 17:00
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190908A12	**Instrument ID**	: GONZO
Sample Amount	: 0.2 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-03D	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 16:01
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A23	Instrument ID	: VOA105
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	6000	25	9.0	
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.2	U
563-58-6	1,1-Dichloropropene	ND	120	35.	U
75-25-2	Bromoform	ND	100	32.	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	46	50	3.6	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-03D	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 16:01
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A23	Instrument ID	: VOA105
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	120	35.	U	UJ
75-35-4	1,1-Dichloroethene	ND	25	8.4	U	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U	
79-01-6	Trichloroethene	180	25	8.8		
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U	
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U	
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U	
1634-04-4	Methyl tert butyl ether	ND	120	35.	U	
179601-23-1	p/m-Xylene	ND	120	35.	U	
95-47-6	o-Xylene	ND	120	35.	U	
1330-20-7	Xylenes, Total	ND	120	35.	U	
156-59-2	cis-1,2-Dichloroethene	760	120	35.		
540-59-0	1,2-Dichloroethene, Total	760	120	35.		
74-95-3	Dibromomethane	ND	250	50.	U	
96-18-4	1,2,3-Trichloropropane	ND	120	35.	U	
107-13-1	Acrylonitrile	ND	250	75.	U	UJ
100-42-5	Styrene	ND	120	35.	U	
75-71-8	Dichlorodifluoromethane	ND	250	50.	U	
67-64-1	Acetone	ND	250	73.	U	UJ
75-15-0	Carbon disulfide	ND	250	50.	U	
78-93-3	2-Butanone	ND	250	97.	U	
108-05-4	Vinyl acetate	ND	250	50.	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U	
591-78-6	2-Hexanone	ND	250	50.	U	UJ
74-97-5	Bromochloromethane	ND	120	35.	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-03D	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 16:01
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A23	Instrument ID	: VOA105
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
142-28-9	1,3-Dichloropropane	ND	120	35.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	120	35.	U
108-86-1	Bromobenzene	ND	120	35.	U
104-51-8	n-Butylbenzene	ND	120	35.	U
135-98-8	sec-Butylbenzene	ND	120	35.	U
98-06-6	tert-Butylbenzene	ND	120	35.	U
95-49-8	o-Chlorotoluene	ND	120	35.	U
106-43-4	p-Chlorotoluene	ND	120	35.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U UJ
87-68-3	Hexachlorobutadiene	ND	120	35.	U
98-82-8	Isopropylbenzene	ND	120	35.	U
99-87-6	p-Isopropyltoluene	ND	120	35.	U
91-20-3	Naphthalene	ND	120	35.	U UJ
103-65-1	n-Propylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	35.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	35.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U
105-05-5	p-Diethylbenzene	ND	100	35.	U
622-96-8	p-Ethyltoluene	ND	100	35.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	27.	U
60-29-7	Ethyl ether	ND	120	35.	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-03D	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 16:01
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A23	Instrument ID	: VOA105
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	120	35.	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-03D	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 16:01
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A23	Instrument ID	: VOA105
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-04	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 15:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A21	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	2.5	0.70	U	
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U	
67-66-3	Chloroform	ND	2.5	0.70	U	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U	
124-48-1	Dibromochloromethane	ND	0.50	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U	
127-18-4	Tetrachloroethene	160	0.50	0.18		U
108-90-7	Chlorobenzene	ND	2.5	0.70	U	
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U	
75-27-4	Bromodichloromethane	ND	0.50	0.19	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U	
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U	
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U	
75-25-2	Bromoform	ND	2.0	0.65	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U	
71-43-2	Benzene	ND	0.50	0.16	U	
108-88-3	Toluene	ND	2.5	0.70	U	
100-41-4	Ethylbenzene	ND	2.5	0.70	U	
74-87-3	Chloromethane	0.83	2.5	0.70	J	
74-83-9	Bromomethane	2.3	2.5	0.70	J	
75-01-4	Vinyl chloride	0.23	1.0	0.07	J	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-04	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 15:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A21	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	2.5	0.70	U	UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	4.4	0.50	0.18		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
1330-20-7	Xylenes, Total	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	20	2.5	0.70		
540-59-0	1,2-Dichloroethene, Total	20	2.5	0.70		
74-95-3	Dibromomethane	ND	5.0	1.0	U	
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U	
107-13-1	Acrylonitrile	ND	5.0	1.5	U	UJ
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	ND	5.0	1.5	U	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-05-4	Vinyl acetate	ND	5.0	1.0	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-04	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 15:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A21	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-04	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 15:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A21	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U	UJ

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-04	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/06/19 15:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05190906A21	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-05D	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 16:35
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A11	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	25	7.0	U	
75-34-3	1,1-Dichloroethane	ND	25	7.0	U	
67-66-3	Chloroform	ND	25	7.0	U	
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U	
78-87-5	1,2-Dichloropropane	ND	10	1.4	U	
124-48-1	Dibromochloromethane	ND	5.0	1.5	U	
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U	
127-18-4	Tetrachloroethene	1600	5.0	1.8		
108-90-7	Chlorobenzene	ND	25	7.0	U	
75-69-4	Trichlorofluoromethane	ND	25	7.0	U	
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U	
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U	
75-27-4	Bromodichloromethane	ND	5.0	1.9	U	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U	
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U	
563-58-6	1,1-Dichloropropene	ND	25	7.0	U	
75-25-2	Bromoform	ND	20	6.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U	
71-43-2	Benzene	ND	5.0	1.6	U	
108-88-3	Toluene	ND	25	7.0	U	
100-41-4	Ethylbenzene	ND	25	7.0	U	
74-87-3	Chloromethane	ND	25	7.0	U	
74-83-9	Bromomethane	ND	25	7.0	U	UJ
75-01-4	Vinyl chloride	1.5	10	0.71	J	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-05D	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 16:35
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A11	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	560	5.0	1.8	
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
1330-20-7	Xylenes, Total	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	280	25	7.0	
540-59-0	1,2-Dichloroethene, Total	280	25	7.0	
74-95-3	Dibromomethane	ND	50	10.	U
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U
107-13-1	Acrylonitrile	ND	50	15.	U
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U
67-64-1	Acetone	ND	50	15.	U
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U UJ
108-05-4	Vinyl acetate	ND	50	10.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-05D	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 16:35
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A11	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	25	7.0	U	
106-93-4	1,2-Dibromoethane	ND	20	6.5	U	
142-28-9	1,3-Dichloropropane	ND	25	7.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U	
108-86-1	Bromobenzene	ND	25	7.0	U	
104-51-8	n-Butylbenzene	ND	25	7.0	U	
135-98-8	sec-Butylbenzene	ND	25	7.0	U	
98-06-6	tert-Butylbenzene	ND	25	7.0	U	
95-49-8	o-Chlorotoluene	ND	25	7.0	U	
106-43-4	p-Chlorotoluene	ND	25	7.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U	
87-68-3	Hexachlorobutadiene	ND	25	7.0	U	
98-82-8	Isopropylbenzene	ND	25	7.0	U	
99-87-6	p-Isopropyltoluene	ND	25	7.0	U	
91-20-3	Naphthalene	8.1	25	7.0	J	U
103-65-1	n-Propylbenzene	ND	25	7.0	U	
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U	
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U	
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U	
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U	
123-91-1	1,4-Dioxane	ND	2500	610	U	
105-05-5	p-Diethylbenzene	ND	20	7.0	U	
622-96-8	p-Ethyltoluene	ND	20	7.0	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U	
60-29-7	Ethyl ether	ND	25	7.0	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-05D	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 16:35
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A11	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-05D	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 16:35
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A11	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-06D	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:36
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A18	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.2	1.8	U
75-34-3	1,1-Dichloroethane	ND	6.2	1.8	U
67-66-3	Chloroform	ND	6.2	1.8	U
56-23-5	Carbon tetrachloride	ND	1.2	0.34	U
78-87-5	1,2-Dichloropropane	ND	2.5	0.34	U
124-48-1	Dibromochloromethane	ND	1.2	0.37	U
79-00-5	1,1,2-Trichloroethane	ND	3.8	1.2	U
127-18-4	Tetrachloroethene	280	1.2	0.45	U
108-90-7	Chlorobenzene	ND	6.2	1.8	U
75-69-4	Trichlorofluoromethane	ND	6.2	1.8	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	6.2	1.8	U
75-27-4	Bromodichloromethane	ND	1.2	0.48	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.41	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.36	U
542-75-6	1,3-Dichloropropene, Total	ND	1.2	0.36	U
563-58-6	1,1-Dichloropropene	ND	6.2	1.8	U
75-25-2	Bromoform	ND	5.0	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.42	U
71-43-2	Benzene	ND	1.2	0.40	U
108-88-3	Toluene	ND	6.2	1.8	U
100-41-4	Ethylbenzene	ND	6.2	1.8	U
74-87-3	Chloromethane	ND	6.2	1.8	U
74-83-9	Bromomethane	ND	6.2	1.8	U
75-01-4	Vinyl chloride	0.52	2.5	0.18	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-06D	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:36
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A18	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	6.2	1.8	U	
75-35-4	1,1-Dichloroethene	ND	1.2	0.42	U	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	1.8	U	
79-01-6	Trichloroethene	24	1.2	0.44		
95-50-1	1,2-Dichlorobenzene	ND	6.2	1.8	U	
541-73-1	1,3-Dichlorobenzene	ND	6.2	1.8	U	
106-46-7	1,4-Dichlorobenzene	ND	6.2	1.8	U	
1634-04-4	Methyl tert butyl ether	ND	6.2	1.8	U	
179601-23-1	p/m-Xylene	ND	6.2	1.8	U	
95-47-6	o-Xylene	ND	6.2	1.8	U	
1330-20-7	Xylenes, Total	ND	6.2	1.8	U	
156-59-2	cis-1,2-Dichloroethene	70	6.2	1.8		
540-59-0	1,2-Dichloroethene, Total	70	6.2	1.8		
74-95-3	Dibromomethane	ND	12	2.5	U	
96-18-4	1,2,3-Trichloropropane	ND	6.2	1.8	U	
107-13-1	Acrylonitrile	ND	12	3.8	U	
100-42-5	Styrene	ND	6.2	1.8	U	
75-71-8	Dichlorodifluoromethane	ND	12	2.5	U	UJ
67-64-1	Acetone	3.9	12	3.6	J	
75-15-0	Carbon disulfide	ND	12	2.5	U	
78-93-3	2-Butanone	ND	12	4.8	U	UJ
108-05-4	Vinyl acetate	ND	12	2.5	U	
108-10-1	4-Methyl-2-pentanone	ND	12	2.5	U	UJ
591-78-6	2-Hexanone	ND	12	2.5	U	UJ
74-97-5	Bromochloromethane	ND	6.2	1.8	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-06D	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:36
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A18	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	6.2	1.8	U	UJ
106-93-4	1,2-Dibromoethane	ND	5.0	1.6	U	
142-28-9	1,3-Dichloropropane	ND	6.2	1.8	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	1.8	U	
108-86-1	Bromobenzene	ND	6.2	1.8	U	
104-51-8	n-Butylbenzene	ND	6.2	1.8	U	
135-98-8	sec-Butylbenzene	ND	6.2	1.8	U	
98-06-6	tert-Butylbenzene	ND	6.2	1.8	U	UJ
95-49-8	o-Chlorotoluene	ND	6.2	1.8	U	
106-43-4	p-Chlorotoluene	ND	6.2	1.8	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	1.8	U	UJ
87-68-3	Hexachlorobutadiene	ND	6.2	1.8	U	
98-82-8	Isopropylbenzene	ND	6.2	1.8	U	
99-87-6	p-Isopropyltoluene	ND	6.2	1.8	U	UJ
91-20-3	Naphthalene	ND	6.2	1.8	U	UJ
103-65-1	n-Propylbenzene	ND	6.2	1.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.8	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.8	U	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	1.8	U	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	1.8	U	UJ
123-91-1	1,4-Dioxane	ND	620	150	U	
105-05-5	p-Diethylbenzene	ND	5.0	1.8	U	
622-96-8	p-Ethyltoluene	ND	5.0	1.8	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.0	1.4	U	UJ
60-29-7	Ethyl ether	ND	6.2	1.8	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-06D	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:36
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A18	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.2	1.8	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-06D	**Date Collected**	: 09/04/19 14:00
Client ID	: MW-13S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/07/19 12:36
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V08190907A18	**Instrument ID**	: VOA108
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-07D	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:58
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A19	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	360	2.0	0.72	U
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
542-75-6	1,3-Dichloropropene, Total	ND	2.0	0.58	U
563-58-6	1,1-Dichloropropene	ND	10	2.8	U
75-25-2	Bromoform	ND	8.0	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	ND	2.0	0.64	U
108-88-3	Toluene	ND	10	2.8	U
100-41-4	Ethylbenzene	ND	10	2.8	U
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND	10	2.8	U
75-01-4	Vinyl chloride	0.61	4.0	0.28	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-07D	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:58
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A19	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	93	2.0	0.70	
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	ND	10	2.8	U
179601-23-1	p/m-Xylene	ND	10	2.8	U
95-47-6	o-Xylene	ND	10	2.8	U
1330-20-7	Xylenes, Total	ND	10	2.8	U
156-59-2	cis-1,2-Dichloroethene	81	10	2.8	
540-59-0	1,2-Dichloroethene, Total	81	10	2.8	
74-95-3	Dibromomethane	ND	20	4.0	U
96-18-4	1,2,3-Trichloropropane	ND	10	2.8	U
107-13-1	Acrylonitrile	ND	20	6.0	U
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U UJ
67-64-1	Acetone	ND	20	5.8	U
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	ND	20	7.8	U UJ
108-05-4	Vinyl acetate	ND	20	4.0	U
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U UJ
591-78-6	2-Hexanone	ND	20	4.0	U UJ
74-97-5	Bromochloromethane	ND	10	2.8	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-07D	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:58
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A19	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	10	2.8	U	UJ
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U	
142-28-9	1,3-Dichloropropane	ND	10	2.8	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	2.8	U	
108-86-1	Bromobenzene	ND	10	2.8	U	
104-51-8	n-Butylbenzene	ND	10	2.8	U	
135-98-8	sec-Butylbenzene	ND	10	2.8	U	
98-06-6	tert-Butylbenzene	ND	10	2.8	U	UJ
95-49-8	o-Chlorotoluene	ND	10	2.8	U	
106-43-4	p-Chlorotoluene	ND	10	2.8	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U	UJ
87-68-3	Hexachlorobutadiene	ND	10	2.8	U	
98-82-8	Isopropylbenzene	ND	10	2.8	U	
99-87-6	p-Isopropyltoluene	ND	10	2.8	U	
91-20-3	Naphthalene	ND	10	2.8	U	UJ
103-65-1	n-Propylbenzene	ND	10	2.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	10	2.8	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.8	U	
95-63-6	1,2,4-Trimethylbenzene	ND	10	2.8	U	UJ
123-91-1	1,4-Dioxane	ND	1000	240	U	
105-05-5	p-Diethylbenzene	ND	8.0	2.8	U	
622-96-8	p-Ethyltoluene	ND	8.0	2.8	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	8.0	2.2	U	UJ
60-29-7	Ethyl ether	ND	10	2.8	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-07D	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 12:58
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A19	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	10	2.8	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-07D	**Date Collected**	: 09/04/19 14:03
Client ID	: MW-13I	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/07/19 12:58
Sample Matrix	: WATER	**Dilution Factor**	: 4
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V08190907A19	**Instrument ID**	: VOA108
Sample Amount	: 2.5 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-08D	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:19
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A20	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.2	1.8	U
75-34-3	1,1-Dichloroethane	ND	6.2	1.8	U
67-66-3	Chloroform	ND	6.2	1.8	U
56-23-5	Carbon tetrachloride	ND	1.2	0.34	U
78-87-5	1,2-Dichloropropane	ND	2.5	0.34	U
124-48-1	Dibromochloromethane	ND	1.2	0.37	U
79-00-5	1,1,2-Trichloroethane	ND	3.8	1.2	U
127-18-4	Tetrachloroethene	270	1.2	0.45	U
108-90-7	Chlorobenzene	ND	6.2	1.8	U
75-69-4	Trichlorofluoromethane	ND	6.2	1.8	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	6.2	1.8	U
75-27-4	Bromodichloromethane	ND	1.2	0.48	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.41	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.36	U
542-75-6	1,3-Dichloropropene, Total	ND	1.2	0.36	U
563-58-6	1,1-Dichloropropene	ND	6.2	1.8	U
75-25-2	Bromoform	ND	5.0	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.42	U
71-43-2	Benzene	ND	1.2	0.40	U
108-88-3	Toluene	ND	6.2	1.8	U
100-41-4	Ethylbenzene	ND	6.2	1.8	U
74-87-3	Chloromethane	ND	6.2	1.8	U
74-83-9	Bromomethane	ND	6.2	1.8	U
75-01-4	Vinyl chloride	ND	2.5	0.18	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-08D	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:19
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A20	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	6.2	1.8	U	
75-35-4	1,1-Dichloroethene	ND	1.2	0.42	U	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	1.8	U	
79-01-6	Trichloroethene	120	1.2	0.44		
95-50-1	1,2-Dichlorobenzene	ND	6.2	1.8	U	
541-73-1	1,3-Dichlorobenzene	ND	6.2	1.8	U	
106-46-7	1,4-Dichlorobenzene	ND	6.2	1.8	U	
1634-04-4	Methyl tert butyl ether	ND	6.2	1.8	U	
179601-23-1	p/m-Xylene	ND	6.2	1.8	U	
95-47-6	o-Xylene	ND	6.2	1.8	U	
1330-20-7	Xylenes, Total	ND	6.2	1.8	U	
156-59-2	cis-1,2-Dichloroethene	45	6.2	1.8		
540-59-0	1,2-Dichloroethene, Total	45	6.2	1.8		
74-95-3	Dibromomethane	ND	12	2.5	U	
96-18-4	1,2,3-Trichloropropane	ND	6.2	1.8	U	
107-13-1	Acrylonitrile	ND	12	3.8	U	
100-42-5	Styrene	ND	6.2	1.8	U	
75-71-8	Dichlorodifluoromethane	ND	12	2.5	U	UJ
67-64-1	Acetone	5.4	12	3.6	J	
75-15-0	Carbon disulfide	ND	12	2.5	U	
78-93-3	2-Butanone	ND	12	4.8	U	UJ
108-05-4	Vinyl acetate	ND	12	2.5	U	
108-10-1	4-Methyl-2-pentanone	ND	12	2.5	U	UJ
591-78-6	2-Hexanone	ND	12	2.5	U	UJ
74-97-5	Bromochloromethane	ND	6.2	1.8	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-08D	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:19
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A20	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	6.2	1.8	U	UJ
106-93-4	1,2-Dibromoethane	ND	5.0	1.6	U	
142-28-9	1,3-Dichloropropane	ND	6.2	1.8	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	1.8	U	
108-86-1	Bromobenzene	ND	6.2	1.8	U	
104-51-8	n-Butylbenzene	ND	6.2	1.8	U	
135-98-8	sec-Butylbenzene	ND	6.2	1.8	U	
98-06-6	tert-Butylbenzene	ND	6.2	1.8	U	UJ
95-49-8	o-Chlorotoluene	ND	6.2	1.8	U	
106-43-4	p-Chlorotoluene	ND	6.2	1.8	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	1.8	U	UJ
87-68-3	Hexachlorobutadiene	ND	6.2	1.8	U	
98-82-8	Isopropylbenzene	ND	6.2	1.8	U	
99-87-6	p-Isopropyltoluene	ND	6.2	1.8	U	
91-20-3	Naphthalene	ND	6.2	1.8	U	UJ
103-65-1	n-Propylbenzene	ND	6.2	1.8	U	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.8	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.8	U	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	1.8	U	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	1.8	U	UJ
123-91-1	1,4-Dioxane	ND	620	150	U	
105-05-5	p-Diethylbenzene	ND	5.0	1.8	U	
622-96-8	p-Ethyltoluene	ND	5.0	1.8	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.0	1.4	U	UJ
60-29-7	Ethyl ether	ND	6.2	1.8	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-08D	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:19
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A20	Instrument ID	: VOA108
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.2	1.8	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-08D	**Date Collected**	: 09/04/19 14:07
Client ID	: MW-13D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/07/19 13:19
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V08190907A20	**Instrument ID**	: VOA108
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A21	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	7.4	2.5	0.70	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	4.7	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A21	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.66	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U UJ
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A21	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U	UJ
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U	
108-86-1	Bromobenzene	ND	2.5	0.70	U	
104-51-8	n-Butylbenzene	ND	2.5	0.70	U	
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U	
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U	UJ
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U	
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U	
91-20-3	Naphthalene	ND	2.5	0.70	U	UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U	UJ
123-91-1	1,4-Dioxane	ND	250	61.	U	
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U	
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U	UJ
60-29-7	Ethyl ether	ND	2.5	0.70	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-09	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 13:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A21	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-09	**Date Collected**	: 09/04/19 14:11
Client ID	: MW-14S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/07/19 13:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: KJD
Lab File ID	: V08190907A21	**Instrument ID**	: VOA108
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-10D	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:03
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A22	Instrument ID	: VOA108
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U
127-18-4	Tetrachloroethene	200	1.0	0.36	U
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.29	U
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U
71-43-2	Benzene	ND	1.0	0.32	U
108-88-3	Toluene	ND	5.0	1.4	U
100-41-4	Ethylbenzene	ND	5.0	1.4	U
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U
75-01-4	Vinyl chloride	ND	2.0	0.14	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-10D	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:03
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A22	Instrument ID	: VOA108
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	5.0	1.4	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.34	U
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.4	U
79-01-6	Trichloroethene	17	1.0	0.35	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	ND	5.0	1.4	U
179601-23-1	p/m-Xylene	ND	5.0	1.4	U
95-47-6	o-Xylene	ND	5.0	1.4	U
1330-20-7	Xylenes, Total	ND	5.0	1.4	U
156-59-2	cis-1,2-Dichloroethene	26	5.0	1.4	
540-59-0	1,2-Dichloroethene, Total	26	5.0	1.4	
74-95-3	Dibromomethane	ND	10	2.0	U
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.4	U
107-13-1	Acrylonitrile	ND	10	3.0	U
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U UJ
67-64-1	Acetone	ND	10	2.9	U
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U UJ
108-05-4	Vinyl acetate	ND	10	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U UJ
591-78-6	2-Hexanone	ND	10	2.0	U UJ
74-97-5	Bromochloromethane	ND	5.0	1.4	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-10D	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:03
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A22	Instrument ID	: VOA108
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
594-20-7	2,2-Dichloropropane	ND	5.0	1.4	U	UJ
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U	
142-28-9	1,3-Dichloropropane	ND	5.0	1.4	U	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.4	U	
108-86-1	Bromobenzene	ND	5.0	1.4	U	
104-51-8	n-Butylbenzene	ND	5.0	1.4	U	
135-98-8	sec-Butylbenzene	ND	5.0	1.4	U	
98-06-6	tert-Butylbenzene	ND	5.0	1.4	U	UJ
95-49-8	o-Chlorotoluene	ND	5.0	1.4	U	
106-43-4	p-Chlorotoluene	ND	5.0	1.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U	UJ
87-68-3	Hexachlorobutadiene	ND	5.0	1.4	U	
98-82-8	Isopropylbenzene	ND	5.0	1.4	U	
99-87-6	p-Isopropyltoluene	ND	5.0	1.4	U	
91-20-3	Naphthalene	ND	5.0	1.4	U	UJ
103-65-1	n-Propylbenzene	ND	5.0	1.4	U	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.4	U	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.4	U	UJ
123-91-1	1,4-Dioxane	ND	500	120	U	
105-05-5	p-Diethylbenzene	ND	4.0	1.4	U	
622-96-8	p-Ethyltoluene	ND	4.0	1.4	U	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.0	1.1	U	UJ
60-29-7	Ethyl ether	ND	5.0	1.4	U	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-10D	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:03
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A22	Instrument ID	: VOA108
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-10D	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:03
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A22	Instrument ID	: VOA108
Sample Amount	: 5 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:25
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A23	Instrument ID	: VOA108
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	620	180	U
75-34-3	1,1-Dichloroethane	ND	620	180	U
67-66-3	Chloroform	ND	620	180	U
56-23-5	Carbon tetrachloride	ND	120	34.	U
78-87-5	1,2-Dichloropropane	ND	250	34.	U
124-48-1	Dibromochloromethane	ND	120	37.	U
79-00-5	1,1,2-Trichloroethane	ND	380	120	U
127-18-4	Tetrachloroethene	24000	120	45.	J
108-90-7	Chlorobenzene	ND	620	180	U
75-69-4	Trichlorofluoromethane	ND	620	180	U
107-06-2	1,2-Dichloroethane	ND	120	33.	U
71-55-6	1,1,1-Trichloroethane	ND	620	180	U
75-27-4	Bromodichloromethane	ND	120	48.	U
10061-02-6	trans-1,3-Dichloropropene	ND	120	41.	U
10061-01-5	cis-1,3-Dichloropropene	ND	120	36.	U
542-75-6	1,3-Dichloropropene, Total	ND	120	36.	U
563-58-6	1,1-Dichloropropene	ND	620	180	U
75-25-2	Bromoform	ND	500	160	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	120	42.	U
71-43-2	Benzene	ND	120	40.	U
108-88-3	Toluene	ND	620	180	U
100-41-4	Ethylbenzene	ND	620	180	U
74-87-3	Chloromethane	ND	620	180	U
74-83-9	Bromomethane	ND	620	180	U
75-01-4	Vinyl chloride	160	250	18.	J

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:25
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A23	Instrument ID	: VOA108
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	620	180	U
75-35-4	1,1-Dichloroethene	ND	120	42.	U
156-60-5	trans-1,2-Dichloroethene	ND	620	180	U
79-01-6	Trichloroethene	320	120	44.	
95-50-1	1,2-Dichlorobenzene	ND	620	180	U
541-73-1	1,3-Dichlorobenzene	ND	620	180	U
106-46-7	1,4-Dichlorobenzene	ND	620	180	U
1634-04-4	Methyl tert butyl ether	ND	620	180	U
179601-23-1	p/m-Xylene	ND	620	180	U
95-47-6	o-Xylene	ND	620	180	U
1330-20-7	Xylenes, Total	ND	620	180	U
156-59-2	cis-1,2-Dichloroethene	1800	620	180	J
540-59-0	1,2-Dichloroethene, Total	1800	620	180	J
74-95-3	Dibromomethane	ND	1200	250	U
96-18-4	1,2,3-Trichloropropane	ND	620	180	U
107-13-1	Acrylonitrile	ND	1200	380	U
100-42-5	Styrene	ND	620	180	U
75-71-8	Dichlorodifluoromethane	ND	1200	250	U UJ
67-64-1	Acetone	ND	1200	360	U
75-15-0	Carbon disulfide	ND	1200	250	U
78-93-3	2-Butanone	ND	1200	480	U UJ
108-05-4	Vinyl acetate	ND	1200	250	U
108-10-1	4-Methyl-2-pentanone	ND	1200	250	U UJ
591-78-6	2-Hexanone	ND	1200	250	U UJ
74-97-5	Bromochloromethane	ND	620	180	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:25
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A23	Instrument ID	: VOA108
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	620	180	U UJ
106-93-4	1,2-Dibromoethane	ND	500	160	U
142-28-9	1,3-Dichloropropane	ND	620	180	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	620	180	U
108-86-1	Bromobenzene	ND	620	180	U
104-51-8	n-Butylbenzene	ND	620	180	U
135-98-8	sec-Butylbenzene	ND	620	180	U
98-06-6	tert-Butylbenzene	ND	620	180	U UJ
95-49-8	o-Chlorotoluene	ND	620	180	U
106-43-4	p-Chlorotoluene	ND	620	180	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	620	180	U UJ
87-68-3	Hexachlorobutadiene	ND	620	180	U
98-82-8	Isopropylbenzene	ND	620	180	U
99-87-6	p-Isopropyltoluene	ND	620	180	U
91-20-3	Naphthalene	ND	620	180	U UJ
103-65-1	n-Propylbenzene	ND	620	180	U
87-61-6	1,2,3-Trichlorobenzene	ND	620	180	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	620	180	U UJ
108-67-8	1,3,5-Trimethylbenzene	ND	620	180	U
95-63-6	1,2,4-Trimethylbenzene	ND	620	180	U UJ
123-91-1	1,4-Dioxane	ND	62000	15000	U
105-05-5	p-Diethylbenzene	ND	500	180	U
622-96-8	p-Ethyltoluene	ND	500	180	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	500	140	U UJ
60-29-7	Ethyl ether	ND	620	180	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:25
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A23	Instrument ID	: VOA108
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	620	180	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-11D	Date Collected	: 09/04/19 12:50
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/07/19 14:25
Sample Matrix	: WATER	Dilution Factor	: 250
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V08190907A23	Instrument ID	: VOA108
Sample Amount	: 0.04 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-12D	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:51
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A14	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	25	7.0	U	
75-34-3	1,1-Dichloroethane	ND	25	7.0	U	
67-66-3	Chloroform	ND	25	7.0	U	
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U	
78-87-5	1,2-Dichloropropane	ND	10	1.4	U	
124-48-1	Dibromochloromethane	ND	5.0	1.5	U	
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U	
127-18-4	Tetrachloroethene	1700	5.0	1.8		
108-90-7	Chlorobenzene	ND	25	7.0	U	
75-69-4	Trichlorofluoromethane	ND	25	7.0	U	
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U	
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U	
75-27-4	Bromodichloromethane	ND	5.0	1.9	U	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U	
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U	
563-58-6	1,1-Dichloropropene	ND	25	7.0	U	
75-25-2	Bromoform	ND	20	6.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U	
71-43-2	Benzene	ND	5.0	1.6	U	
108-88-3	Toluene	ND	25	7.0	U	
100-41-4	Ethylbenzene	ND	25	7.0	U	
74-87-3	Chloromethane	ND	25	7.0	U	
74-83-9	Bromomethane	ND	25	7.0	U	UJ
75-01-4	Vinyl chloride	1.5	10	0.71	J	

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-12D	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:51
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A14	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-00-3	Chloroethane	ND	25	7.0	U	
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U	
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U	
79-01-6	Trichloroethene	600	5.0	1.8		
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U	
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U	
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U	
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U	
179601-23-1	p/m-Xylene	ND	25	7.0	U	
95-47-6	o-Xylene	ND	25	7.0	U	
1330-20-7	Xylenes, Total	ND	25	7.0	U	
156-59-2	cis-1,2-Dichloroethene	300	25	7.0		
540-59-0	1,2-Dichloroethene, Total	300	25	7.0		
74-95-3	Dibromomethane	ND	50	10.	U	
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U	
107-13-1	Acrylonitrile	ND	50	15.	U	
100-42-5	Styrene	ND	25	7.0	U	
75-71-8	Dichlorodifluoromethane	ND	50	10.	U	
67-64-1	Acetone	ND	50	15.	U	
75-15-0	Carbon disulfide	ND	50	10.	U	
78-93-3	2-Butanone	ND	50	19.	U	UJ
108-05-4	Vinyl acetate	ND	50	10.	U	
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U	
591-78-6	2-Hexanone	ND	50	10.	U	
74-97-5	Bromochloromethane	ND	25	7.0	U	

ALPHA ANALYTICAL

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-12D	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:51
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A14	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	25	7.0	U
106-93-4	1,2-Dibromoethane	ND	20	6.5	U
142-28-9	1,3-Dichloropropane	ND	25	7.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U
108-86-1	Bromobenzene	ND	25	7.0	U
104-51-8	n-Butylbenzene	ND	25	7.0	U
135-98-8	sec-Butylbenzene	ND	25	7.0	U
98-06-6	tert-Butylbenzene	ND	25	7.0	U
95-49-8	o-Chlorotoluene	ND	25	7.0	U
106-43-4	p-Chlorotoluene	ND	25	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U
87-68-3	Hexachlorobutadiene	ND	25	7.0	U
98-82-8	Isopropylbenzene	ND	25	7.0	U
99-87-6	p-Isopropyltoluene	ND	25	7.0	U
91-20-3	Naphthalene	ND	25	7.0	U
103-65-1	n-Propylbenzene	ND	25	7.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U
123-91-1	1,4-Dioxane	ND	2500	610	U
105-05-5	p-Diethylbenzene	ND	20	7.0	U
622-96-8	p-Ethyltoluene	ND	20	7.0	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U
60-29-7	Ethyl ether	ND	25	7.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-12D	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/08/19 17:51
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190908A14	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-12D	**Date Collected**	: 09/04/19 13:40
Client ID	: DUP-2	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/08/19 17:51
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190908A14	**Instrument ID**	: GONZO
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 20:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V08190905N08	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	150	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	1.5	2.5	0.70	J
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 20:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V08190905N08	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.20	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	5.7	2.5	0.70	
95-47-6	o-Xylene	2.4	2.5	0.70	J
1330-20-7	Xylenes, Total	8.1	2.5	0.70	J
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	150	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	8.0	5.0	1.9	
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 20:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V08190905N08	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	0.88	2.5	0.70	J
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	1.2	2.5	0.70	J
95-63-6	1,2,4-Trimethylbenzene	3.9	2.5	0.70	
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	3.0	2.0	0.70	
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-13	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/05/19 20:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V08190905N08	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940294
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940294-13	**Date Collected**	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQGW-3	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/05/19 20:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V08190905N08	**Instrument ID**	: VOA108
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-14	Date Collected	: 09/04/19 00:00
Client ID	: TRIP BLANK	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/12/19 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VQ190912A19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-14	Date Collected	: 09/04/19 00:00
Client ID	: TRIP BLANK	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/12/19 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VQ190912A19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-14	Date Collected	: 09/04/19 00:00
Client ID	: TRIP BLANK	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/12/19 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VQ190912A19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-14	Date Collected	: 09/04/19 00:00
Client ID	: TRIP BLANK	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/12/19 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VQ190912A19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940294
Project Name	:	Project Number	: 11845
Lab ID	: L1940294-14	Date Collected	: 09/04/19 00:00
Client ID	: TRIP BLANK	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/12/19 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: VQ190912A19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

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ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative (continued)

Report Revision

September 16, 2019: This report includes the results of the Volatile Organics analysis performed on L1940294-14.

Report Submission

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

Sample Receipt

L1940294-09: The sample identified as "MW-14S" on the chain of custody was identified as "MW-14-S" on the container label. At the client's request, the sample is reported as "MW-14S".
L1940294-10: The sample identified as "MW-14D" on the chain of custody was identified as "MW-14-D" on the container label. At the client's request, the sample is reported as "MW-14D".
L1940294-11: The sample identified as "DUPE-1" on the chain of custody was identified as "DUP-1" on the container label. At the client's request, the sample is reported as "DUP-1".
L1940294-12: The sample identified as "DUPE-2" on the chain of custody was identified as "DUP-2" on the container label. At the client's request, the sample is reported as "DUP-2".

Volatile Organics

L1940294-13: The Field Blank has results for tetrachloroethene, p/m-xylenes, acetone, 2-butanone, 1,2,4-trimethylbenzene, p-ethyltoluene present above the detection limit. The sample was re-analyzed and confirmed the original results. The results of the original analysis are reported.

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: Cristen Walker Report Date: 09/16/19

Title: Technical Director/Representative

L1940294

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 2

LAB NAME: Alpha Labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DELA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample Information: Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Number of Each Preserved Bottle: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL VOCs + TICs Method 8260					(LAB USE ONLY)
	1 MW-11S	11845	L		9/4/19	1250			X										X					
	2 MW-11I					1255			X										X					
	3 MW-11D					1300			X										X					
	4 MW-12S					1330			X										X					
	5 MW-12D					1340			X										X					
	6 MW-13S					1400			X										X					
	7 MW-13I					1403			X										X					
	8 MW-13D					1407			X										X					
	9 MW-14S					1411			X										X					
	10 MW-14D					1416			X										X					

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

Turnaround Time (Business Days)

Standard Service

- [ ] Standard - 5 day
- [ ] Standard - 4 day
- [x] Standard - 3 day

Rush Service

- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)

TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other _____
- [ ] EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, G1SKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-19 1710	1	2 MIKE MCAR	9-4 2035	2
3		9/5/19 0945	3	4	4	4
5		5	5			

COOLER INFORMATION

Cooler Temp:_____ pH:_____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1940294

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 2

LAB NAME: Alpha Labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
TCL VOCs + TICs Method 8260
(LAB USE ONLY)

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	Sample Containers: Number of Each Preserved Bottle: NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	TCL VOCs + TICs Method 8260
	1 DUPE-1	11845	L		9/4/19	1250	2		X				X
	2 DUPE-2	↓	↓		↓	1340	2		X				X
	3 FIELD BLANK - EQGW-3	↓	↓		↓	705	1		X				X
CG	4 TRIP BLANK												
	5												
	6												
	7												
	8												
	9												
	10												

Turnaround Time (Business Days)

Standard Service
- [ ] Standard - 5 day
- [ ] Standard - 4 day
- [x] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other
- [ ] EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-19 1710	MGAR (AAL)	MGAR	9-4 2025	AAL
2	AAL	9/5/19 0615				
3						
4						
5						

COOLER INFORMATION
Cooler Temp: pH: [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

DATA USABILITY SUMMARY REPORT

For

31st Drive

GROUNDWATER SAMPLES

Organics and Inorganics

SDG No L1940545 and L1940547

Sampling Date: September 4 and 5, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental & Public Health Consultants Inc (EPHC, Inc)
Environmental Data Validation Inc (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31st Drive

SDG #: L1940545 & L1940547

Client: Impact Environmental

Date: October 3, 2019

Laboratory: Alpha Analytical

Reviewer: D. McGuire

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	TCL SVOC	SVOC SIM 1,4-Dioxane	Pesticide /PCB	TAL Metals	CN	Hex Cr
MW-12S	L1940545-01	Aqueous	X	X	X	X	X	
MW-12D	L1940545-02	Aqueous	X	X	X	X	X	
DUP-2	L1940545-03	Aqueous	X	X	X	X	X	
MW-12S	L1940547-01	Aqueous						X
MW-12D	L1940547-02	Aqueous						X
FIELD BLANK EG-GW-4	L1940547-03	Aqueous						X
DUP-2	L1940547-04	Aqueous						X

The data packages contained three (3) groundwater samples and one (1) field blank sample. The samples were analyzed via Method SW-846 8270D, 8270D SIMS, 8081B, 8082A, 6010C, 6020A, 7470A, 7196A, and 9012B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration verifications, laboratory controls, surrogate recoveries, internal standard recoveries, spike recoveries, laboratory duplicates, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All samples were present.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination.

Sample Identification	Compound	Q
L1940545-01, L1940545-02, L1940545-03	2-Methylnaphthalene	U
L1940545-01, L1940545-02, L1940545-03	Aroclor 1260	U
L1940545-02, L1940545-03	Iron (Dissolved)	U
L1940545-01, L1940545-02	Antimony (Total)	U
L1940545-02	Thallium (Total)	U

Calibration Quality Control: All results were acceptable.

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate: The following samples were qualified due to LCS/LCSD recoveries outside criteria:

Sample Identification	Compound	Qualifier
L1940545-01, L1940545-02, L1940545-03	Benzoic acid	R

Surrogates: The following samples were qualified due to poor recoveries:

Sample Identification	Compound	Qualifier
L1940545-01	Naphthalene	J

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Samples associated with matrix spike recoveries outside acceptance criteria have previously been qualified due to blank contamination. Further qualifications is not required.

Laboratory Duplicate: All results were acceptable.

Field Duplicate: Sample L1940545-02 and its duplicate L1940545-03 were collected and submitted for all analyses. The relative percent differences (RPDs) were calculated when both results were detected above the RQL. The following RPDs were calculated.

Compound	L1940545-02 (MW-12D)	L1940545-03 (DUP-2)	%RPD	Qualifier
Phenanthrene	0.13	0.11	16.7	
1,4-Dioxane	463	476	2.8	
Aluminum (Total)	2.94	14.4	132	J
Arsenic (Total)	0.00083	0.00372	127	J
Barium (Dissolved)	0.06413	0.0603	6.2	
Barium (Total)	0.09387	0.2462	89.6	J
Calcium (Dissolved)	151	155	2.6	
Calcium (Total)	164	233	34.8	J
Chromium (Total)	0.00875	0.04035	129	J
Cobalt(Dissolved)	0.00312	0.00228	31.1	J
Cobalt (Total)	0.00764	0.03254	124	J
Copper (Total)	0.01443	0.06745	130	J
Iron (Total)	6.18	29.3	130	J
Lead (Total)	0.00559	0.02062	115	J
Magnesium (Dissolved)	78.8	81.2	3.0	
Magnesium (Total)	87.1	118	30.1	J
Manganese (Dissolved)	0.6254	0.5892	6.0	
Manganese (Total)	0.8443	2.196	88.9	J
Nickel (Dissolved)	0.00533	0.00399	28.8	
Nickel (Total)	0.01423	0.05507	118	J
Potassium (Dissolved)	11.3	11.6	2.6	
Potassium (Total)	12.8	16.6	25.9	
Sodium (Dissolved)	119	120	0.8	
Sodium (Total)	121	123	1.6	
Vanadium (Total)	0.00818	0.03999	132	J
Zinc (Total)	0.02844	0.118	122	J

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). All tentatively identified compounds (TICs) are considered “tentatively identified” and are estimated (NJ).

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

DLM 10/3/19

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 14:36
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 13

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkane	2.58	3.24	J
000127-18-4	Tetrachloroethylene	3.38	54.8	NJ
	Unknown	3.49	20.2	J
	Aldol Condensates (A)	4.15	39.7	J
	Unknown	4.50	3.24	J
	Unknown	4.80	1.96	J
	Unknown	5.70	25.9	J
	Unknown	5.90	3.38	J
	Unknown	6.05	2.07	J
	Unknown	6.08	24.6	J
	Unknown	6.41	3.24	J
	Unknown	14.73	1.53	J
	Total TIC Compounds		184J	J

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-02	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U

DLM 10/3/19

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-02	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-02	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
65-85-0	Benzoic Acid	ND	50	2.6	U R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:00
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-02	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 14

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.39	346	NJ
	Aldol Condensates (A)	4.15	53.9	J
	Unknown	9.33	3.27	J
	Unknown Organic Acid	11.86	3.02	J
	Unknown	12.63	4.62	J
	Unknown Alkane	14.91	2	J
	Unknown Alkane	15.25	2.58	J
	Unknown Alkane	15.57	3.05	J
	Unknown Alkane	15.89	4.14	J
	Unknown Alkane	16.23	3.13	J
	Unknown Alkane	16.60	3.05	J
	Unknown Alkane	17.01	2.29	J
	Unknown	17.48	2.11	J
	Total TIC Compounds		433J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-03	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-03	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/10/19 15:24
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 40545-03	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U	
65-85-0	Benzoic Acid	ND	50	2.6	U	R
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

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Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1940545
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1940545-03	**Date Collected**	: 09/04/19 13:40
Client ID	: DUP-2	**Date Received**	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	**Date Analyzed**	: 09/10/19 15:24
Sample Matrix	: WATER	**Date Extracted**	: 09/06/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 40545-03	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	3.38	381	NJ
	Aldol Condensates (A)	4.15	50.2	J
	Unknown	9.33	2.87	J
	Total TIC Compounds		434J	J

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 20:46
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40545-01	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	0.02	0.10	0.01	J	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.02	0.10	0.02	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U	
91-20-3	Naphthalene	0.26	0.10	0.05		J
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	0.01	0.10	0.01	J	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U	
218-01-9	Chrysene	ND	0.10	0.01	U	
208-96-8	Acenaphthylene	ND	0.10	0.01	U	
120-12-7	Anthracene	0.02	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene	0.02	0.10	0.01	J	
86-73-7	Fluorene	0.04	0.10	0.01	J	
85-01-8	Phenanthrene	0.09	0.10	0.02	J	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U	
129-00-0	Pyrene	0.03	0.10	0.02	J	
91-57-6	2-Methylnaphthalene	0.05	0.10	0.02	J	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	**Lab Number**	: L1940545
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1940545-01	**Date Collected**	: 09/04/19 13:30
Client ID	: MW-12S	**Date Received**	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	**Date Analyzed**	: 09/07/19 20:46
Sample Matrix	: WATER	**Date Extracted**	: 09/06/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 40545-01	**Analyst**	: JJW
Sample Amount	: 275 ml	**Instrument ID**	: SV119
Extraction Method	: EPA 3510C	**GC Column**	: RXI-5SilM
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 21:03
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40545-02	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.20	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.02	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.13	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.02	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.05	0.10	0.02	J U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 21:03
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40545-02	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 21:19
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40545-03	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.11	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.02	0.10	0.02	J U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U

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Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 21:19
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 40545-03	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
67-72-1	Hexachloroethane	ND	0.80	0.06	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 18:53
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F1609071924	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	139	31.4	U

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02D	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/11/19 08:04
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 2
Lab File ID	: F1609111903	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	463.	278	62.8	

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Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03D	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/11/19 08:24
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 2
Lab File ID	: F1609111904	Analyst	: PS
Sample Amount	: 270 ml	Instrument ID	: PAH16
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	476.	278	62.8	

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 17:25
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190907a-16	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 17:25
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190907a-16	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
11096-82-5	Aroclor 1260	0.036	0.083	0.032	J	U
1336-36-3	PCBs, Total	0.036	0.083	0.032	J	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 17:38
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190907a-17	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 17:38
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190907a-17	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	0.044	0.083	0.032	J U
1336-36-3	PCBs, Total	0.044	0.083	0.032	J U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 17:52
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190907a-18	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

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Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/07/19 17:52
Sample Matrix	: WATER	Date Extracted	: 09/06/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190907a-18	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
11096-82-5	Aroclor 1260	0.051	0.083	0.032	J	U
1336-36-3	PCBs, Total	0.051	0.083	0.032	J	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 00:52
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-16	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 00:52
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-16	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 01:05
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-17	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 01:05
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-17	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 01:17
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-18	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	0.010	0.029	0.003	JIP J
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 01:17
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-18	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-74-9	Chlordane	ND	0.143	0.033	U

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Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 01:17
Sample Matrix	: WATER	Date Extracted	: 09/07/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10190908a-18	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-55-9	4,4'-DDE	0.006	0.029	0.003	J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 12:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1281740.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0258	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00113	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00024	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.1140	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00006	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	111.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00018	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00102	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00188	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0702	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	18.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.3252	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00146	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	5.70	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.0111	0.00500	0.00173	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	105.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00060	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 12:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1281740.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/06/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00971	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	0.00117	0.00400	0.00042	J	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.06413	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Dissolved	151.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U	
7440-48-4	Cobalt, Dissolved	0.00312	0.00050	0.00016		J
7440-50-8	Copper, Dissolved	0.00062	0.00100	0.00038	J	
7439-89-6	Iron, Dissolved	0.0346	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	78.8	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.6254	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00533	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	11.3	0.100	0.0309		
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	119.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 13:01
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1281740.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/06/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Dissolved	0.00802	0.0100	0.00327	J	
7440-36-0	Antimony, Dissolved	0.00053	0.00400	0.00042	J	
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U	
7440-39-3	Barium, Dissolved	0.06030	0.00050	0.00017		
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Dissolved	155.	0.100	0.0394		
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U	
7440-48-4	Cobalt, Dissolved	0.00228	0.00050	0.00016		J
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U	
7439-89-6	Iron, Dissolved	0.0381	0.0500	0.0191	J	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Dissolved	81.2	0.0700	0.0242		
7439-96-5	Manganese, Dissolved	0.5892	0.00100	0.00044		
7440-02-0	Nickel, Dissolved	0.00399	0.00200	0.00055		
7440-09-7	Potassium, Dissolved	11.6	0.100	0.0309		
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Dissolved	120.	0.100	0.0293		
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 10:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1281740.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	65.5	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00158	0.00400	0.00042	J U
7440-38-2	Arsenic, Total	0.01972	0.00050	0.00016	
7440-39-3	Barium, Total	1.614	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00652	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00174	0.00020	0.00005	
7440-70-2	Calcium, Total	144.	0.100	0.0394	
7440-47-3	Chromium, Total	0.2370	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1318	0.00050	0.00016	
7440-50-8	Copper, Total	0.3857	0.00100	0.00038	
7439-89-6	Iron, Total	159.	0.0500	0.0191	
7439-92-1	Lead, Total	0.8010	0.00100	0.00034	
7439-95-4	Magnesium, Total	58.2	0.0700	0.0242	
7439-96-5	Manganese, Total	4.054	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1745	0.00200	0.00055	
7440-09-7	Potassium, Total	21.0	0.100	0.0309	
7782-49-2	Selenium, Total	0.0336	0.00500	0.00173	
7440-22-4	Silver, Total	0.00200	0.00040	0.00016	
7440-23-5	Sodium, Total	113.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00214	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.2152	0.00500	0.00157	
7440-66-6	Zinc, Total	0.7039	0.01000	0.00341	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 10:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1281740.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/06/19

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2.94	0.0100	0.00327		J
7440-36-0	Antimony, Total	0.00052	0.00400	0.00042	J	U
7440-38-2	Arsenic, Total	0.00083	0.00050	0.00016		J
7440-39-3	Barium, Total	0.09387	0.00050	0.00017		J
7440-41-7	Beryllium, Total	0.00017	0.00050	0.00010	J	
7440-43-9	Cadmium, Total	0.00012	0.00020	0.00005	J	
7440-70-2	Calcium, Total	164.	0.100	0.0394		J
7440-47-3	Chromium, Total	0.00875	0.00100	0.00017		J
7440-48-4	Cobalt, Total	0.00764	0.00050	0.00016		J
7440-50-8	Copper, Total	0.01443	0.00100	0.00038		J
7439-89-6	Iron, Total	6.18	0.0500	0.0191		J
7439-92-1	Lead, Total	0.00559	0.00100	0.00034		J
7439-95-4	Magnesium, Total	87.1	0.0700	0.0242		J
7439-96-5	Manganese, Total	0.8443	0.00100	0.00044		J
7440-02-0	Nickel, Total	0.01423	0.00200	0.00055		J
7440-09-7	Potassium, Total	12.8	0.100	0.0309		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	121.	0.100	0.0293		
7440-28-0	Thallium, Total	0.00034	0.00050	0.00014	J	U
7440-62-2	Vanadium, Total	0.00818	0.00500	0.00157		J
7440-66-6	Zinc, Total	0.02844	0.01000	0.00341		J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 10:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1281740.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	14.4	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00372	0.00050	0.00016	J
7440-39-3	Barium, Total	0.2462	0.00050	0.00017	J
7440-41-7	Beryllium, Total	0.00091	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00047	0.00020	0.00005	
7440-70-2	Calcium, Total	233.	0.100	0.0394	J
7440-47-3	Chromium, Total	0.04035	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.03254	0.00050	0.00016	J
7440-50-8	Copper, Total	0.06745	0.00100	0.00038	J
7439-89-6	Iron, Total	29.3	0.0500	0.0191	J
7439-92-1	Lead, Total	0.02062	0.00100	0.00034	J
7439-95-4	Magnesium, Total	118.	0.0700	0.0242	J
7439-96-5	Manganese, Total	2.196	0.00100	0.00044	J
7440-02-0	Nickel, Total	0.05507	0.00200	0.00055	J
7440-09-7	Potassium, Total	16.6	0.100	0.0309	
7782-49-2	Selenium, Total	0.00555	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	123.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00051	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.03999	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.1180	0.01000	0.00341	J

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/08/19 18:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/08/19 18:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/08/19 18:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: HG090819A	Instrument ID	: FIMS4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/08/19 18:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00390	0.00020	0.00009	

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/08/19 18:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

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Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/08/19 18:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MG
Lab File ID	: WG1281638.pdf	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-01	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 11:43
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_9-9-2019_10-54-50AM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/07/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	0.003	0.005	0.001	J

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-02	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 11:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_9-9-2019_10-54-50AM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/07/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940545
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940545-03	Date Collected	: 09/04/19 13:40
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE ASTORIA, QUEENS, NY	Date Analyzed	: 09/09/19 11:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: LHK
Lab File ID	: OM_9-9-2019_10-54-50AM	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/07/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
57-12-5	Cyanide, Total	ND	0.005	0.001	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940547
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940547-01	Date Collected	: 09/05/19 14:00
Client ID	: MW-12S	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, QUEENS, NY	Date Analyzed	: 09/06/19 05:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1280946.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	0.003	0.010	0.003	J

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940547
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940547-02	Date Collected	: 09/05/19 14:15
Client ID	: MW-12D	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, QUEENS, NY	Date Analyzed	: 09/06/19 05:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1280946.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

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Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940547
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940547-03	Date Collected	: 09/05/19 13:30
Client ID	: FIELD BLANK EG-GW-4	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, QUEENS, NY	Date Analyzed	: 09/06/19 05:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1280946.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

Form 1
WETCHEM

Client	: Impact Environmental	Lab Number	: L1940547
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1940547-04	Date Collected	: 09/05/19 14:15
Client ID	: DUP-2	Date Received	: 09/05/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, QUEENS, NY	Date Analyzed	: 09/06/19 05:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7196A	Analyst	: JW
Lab File ID	: WG1280946.csv	Instrument ID	: GENSYS10VI
Sample Amount	: 50	%Solids	: N/A
Digestion Method	:	Date Digested	: 09/06/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

DLM 10/3/19

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

September 12, 2019: This final report includes the results of all requested analyses.

September 10, 2019: This is a preliminary report.

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

Semivolatile Organics

The WG1280586-2/-3 LCS/LCSD recoveries, associated with L1940545-01, -02, and -03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

PCBs

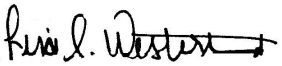
The WG1281081-1 Method Blank, associated with L1940545-01, -02, and -03, has a concentration above the reporting limit for Aroclor 1260. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Dissolved Metals

The WG1281106-3 MS recovery for calcium (230%), performed on L1940545-02, does not apply because the sample concentration is greater than four times the spike amount added.

The WG1281106-3 MS recovery, performed on L1940545-02, is outside the acceptance criteria for iron (128%). 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:  Report Date: 09/12/19

Title: Technical Director/Representative

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Michelle M. Morris Report Date: 09/07/19

Title: Technical Director/Representative

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

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.

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

CHAIN OF CUSTODY

L1940545

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 1

LAB NAME: Alpha Labs

RECEIVED DATE: 09/06/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL SVOCs + TICs Method 8270D	TCL PCBs Method 8082A	TCL Organochlorine Pesticides	TAL metals 6010 Mercury 7471B	TAL dissolved metals 6010 Mercury 7470A	(LAB USE ONLY)
	1 MW-12S	11845	L		9/4/19	1330	10		X										X	X	X	X	X	
	2 MW-12D					1340	10		X										X	X	X	X	X	
	3 DUP-2					1340	10		X										X	X	X	X	X	
	4																							
	5																							
	6																							
	7																							
	8																							
	9																							
	10																							

Matrix Codes: L - Liquid; S - Soil; A - Air; OL - Oil; W - Wipe; PC - Paint Chips; SL - Sludge; SD - Solid; DW- Drinking Water; DISS - Dissolved

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

Standard Service
- [ ] Standard - 5 day
- [ ] Standard - 4 day
- [x] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other
- [ ] EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Additional analytes: Total Cyanide 9010C
1,4 Dioxane Method 8270 Sim w/ Isotope dilution.

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		9-5-19 1525	MG ARCAID	MG ARCAID	9-5-19 1745	AAC
2	Relinquished by: AAC	Date / Time: 9/6/19 0030	Received By:	Relinquished By:	Date / Time:	Received By:
3	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
4						
5						

COOLER INFORMATION

Cooler Temp: pH: [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

CHAIN OF CUSTODY

L1940547

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 1

LAB NAME: Alpha labs

RECEIVED DATE: 09/06/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	Hexavalent Chromium 7196A					Matrix Codes / Sample Type / (LAB USE ONLY)
	1 MW-12S	11845	L		9/5/19	1400	1		X										X					
	2 MW-12D	↓	↓		↓	1415	1		X										X					
	3 Field Blank EB-GW-4	↓	↓		↓	1330	1		X										X					
	4 DUP-2	↓	↓		↓	1415	1		X										X					
	5																							
	6																							
	7																							
	8																							
	9																							
	10																							

Matrix Codes: L - Liquid; S - Soil; A - Air; OIL - Oil; W - Wipe; PC - Paint Chips; SL - Sludge; SD - Solid; DW- Drinking Water; DISS - Dissolved

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

Standard Service
- [ ] Standard - 5 day
- [ ] Standard - 4 day
- [X] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other
- [ ] EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		9-5-19 1525	MG MCAR (AAL)	MCAR	9-5-19 1750	AAL
2	AAL	9/6/19 0030				
3						
4						
5						

COOLER INFORMATION

Cooler Temp: pH: [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

DATA USABILITY SUMMARY REPORT

For

31ST DRIVE

WATER SAMPLES

PFAS
SDG Nos. L1940295
Sampling Date: September 4, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc. (EOPHC)
Environmental Data Validation Inc. (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31ST DRIVE

SDGs #: L1940295

Client: Impact Environmental

Date: September 26, 2019

Laboratory: Alpha Analytical

Reviewer: L. Wright

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	PFAS
DUP-1	L1940295-01	Aqueous	X
MW-1S	L1940295-02	Aqueous	X
MW-1D	L1940295-03	Aqueous	X
MW-2S	L1940295-04	Aqueous	X
MW-2D	L1940295-05	Aqueous	X
MW-3S	L1940295-06	Aqueous	X
MW-3D	L1940295-07	Aqueous	X
MW-4S	L1940295-08	Aqueous	X
MW-4D	L1940295-09	Aqueous	X
MW-5S	L1940295-10	Aqueous	X
MW-5D	L1940295-11	Aqueous	X
MW-6S	L1940295-12	Aqueous	X
MW-6D	L1940295-13	Aqueous	X
MW-7S	L1940295-14	Aqueous	X
MW-7I	L1940295-15	Aqueous	X
MW-7D	L1940295-16	Aqueous	X
MW-8S	L1940295-17	Aqueous	X
MW-8D	L1940295-18	Aqueous	X
MW-9S	L1940295-19	Aqueous	X
MW-9I	L1940295-20	Aqueous	X
MW-9D	L1940295-21	Aqueous	X
MW-10S	L1940295-22	Aqueous	X
MW-10I	L1940295-23	Aqueous	X
MW-10D	L1940295-24	Aqueous	X
MW-11S	L1940295-25	Aqueous	X
MW-11I	L1940295-26	Aqueous	X
MW-11D	L1940295-27	Aqueous	X
MW-12S	L1940295-28	Aqueous	X
MW-12D	L1940295-29	Aqueous	X
MW-13S	L1940295-30	Aqueous	X
MW-13I	L1940295-31	Aqueous	X
MW-13D	L1940295-32	Aqueous	X
MW-14S	L1940295-33	Aqueous	X

Client Sample ID	Laboratory ID	Matrix	PFAS
MW-14D	L1940295-34	Aqueous	X
DUP-2	L1940295-35	Aqueous	X
FIELD BLANK-EQ-	L1940295-36	Aqueous	X
FIELD BLANK-EQ-	L1940295-37	Aqueous	X
FIELD BLANK-EQ-	L1940295-38	Aqueous	X

These data packages contained thirty five (35) aqueous samples, and three (3) field blank samples. The samples were analyzed via USEPA Method 537. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability have been discussed in applicable sections. Data that have no impact on data usability are not discussed.

Chain of Custody (COC): All samples were present.

Preservation: Preservation was acceptable.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The results were acceptable.

Calibration Quality Control: The following samples were qualified due to calibration deficiency;

Sample ID	Compound	Qualifier
L1940295-21 L1940295-22 L1940295-23 L1940295-24 L1940295-25 L1940295-26	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	UJ

Laboratory Control Sample (LCS): The results are acceptable.

Surrogates: The following were qualified due to deficiency;

Sample ID	Compound	Qualifier
L1940295-09 L1940295-27	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS	J

Internal Standards: All results were acceptable.

Lab Duplicate: The following were qualified due to deficiency;

Sample ID	Compound	Qualifier
L1940295-23	Perfluorodecanesulfonic Acid (PFDS)	J

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): Organic data were not qualified based on MS/MSD data alone. The results are acceptable.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J).

Additional Comments: Some Form 1s and case narratives are reporting criteria out of QC limits. If data were impacted due to the deficiency, it is discussed in the DUSR and appropriate qualifier(s) applied. Therefore all discussions in the DUSR relate to all conditions that affected data usability. When there are multiple analyses, the validator presents the best run (Attachment A).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

FORM 1s

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-01	Date Collected	: 09/04/19 10:53
Client ID	: DUP-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 06:09
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9678	Analyst	: JW
Sample Amount	: 283 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	16.8	1.77	0.360	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	46.3	1.77	0.350	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	41.6	1.77	0.210	
307-24-4	Perfluorohexanoic Acid (PFHxA)	28.1	1.77	0.290	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	15.3	1.77	0.199	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.26	1.77	0.332	
335-67-1	Perfluorooctanoic Acid (PFOA)	55.8	1.77	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.608	U
375-95-1	Perfluorononanoic Acid (PFNA)	2.07	1.77	0.276	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	13.5	1.77	0.445	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.753	1.77	0.268	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.77	0.572	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.77	0.230	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.77	0.866	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.512	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	0.710	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-01	**Date Collected**	: 09/04/19 10:53
Client ID	: DUP-1	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 06:09
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9678	**Analyst**	: JW
Sample Amount	: 283 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.329	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.289	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.219	U
NONE	PFOA/PFOS, Total	69.3	1.77	0.208	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-02	Date Collected	: 09/04/19 09:52
Client ID	: MW-1S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 06:25
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9679	Analyst	: JW
Sample Amount	: 293 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	26.1	1.71	0.348	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	85.5	1.71	0.338	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	12.2	1.71	0.203	
307-24-4	Perfluorohexanoic Acid (PFHxA)	46.5	1.71	0.280	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	22.2	1.71	0.192	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	9.41	1.71	0.321	
335-67-1	Perfluorooctanoic Acid (PFOA)	134	1.71	0.201	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.71	1.14	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.788	1.71	0.587	J
375-95-1	Perfluorononanoic Acid (PFNA)	1.06	1.71	0.266	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	12.6	1.71	0.430	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.71	0.259	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.71	1.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.71	0.553	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.71	0.222	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.71	0.836	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.71	0.495	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.71	0.686	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-02	**Date Collected**	: 09/04/19 09:52
Client ID	: MW-1S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 06:25
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9679	**Analyst**	: JW
Sample Amount	: 293 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.71	0.317	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.71	0.279	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.71	0.212	U
NONE	PFOA/PFOS, Total	147	1.71	0.201	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-03	Date Collected	: 09/04/19 09:56
Client ID	: MW-1D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 06:42
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9680	Analyst	: JW
Sample Amount	: 289 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	35.6	1.73	0.353	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	95.6	1.73	0.342	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	6.06	1.73	0.206	
307-24-4	Perfluorohexanoic Acid (PFHxA)	67.3	1.73	0.284	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	26.0	1.73	0.195	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	9.06	1.73	0.325	
335-67-1	Perfluorooctanoic Acid (PFOA)	68.9	1.73	0.204	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.73	1.15	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.73	0.595	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.73	0.270	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.40	1.73	0.436	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.73	0.263	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.73	1.05	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.73	0.560	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.73	0.225	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.73	0.848	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.73	0.502	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.73	0.696	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-03	Date Collected	: 09/04/19 09:56
Client ID	: MW-1D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 06:42
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9680	Analyst	: JW
Sample Amount	: 289 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.73	0.322	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.73	0.283	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.73	0.214	U
NONE	PFOA/PFOS, Total	71.3	1.73	0.204	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-04	Date Collected	: 09/04/19 09:59
Client ID	: MW-2S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 06:58
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9681	Analyst	: JW
Sample Amount	: 294 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	14.8	1.70	0.347	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	29.2	1.70	0.337	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	12.0	1.70	0.202	
307-24-4	Perfluorohexanoic Acid (PFHxA)	22.0	1.70	0.279	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	12.2	1.70	0.191	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.87	1.70	0.320	
335-67-1	Perfluorooctanoic Acid (PFOA)	75.5	1.70	0.201	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.70	1.13	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.728	1.70	0.585	J
375-95-1	Perfluorononanoic Acid (PFNA)	0.588	1.70	0.265	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	8.93	1.70	0.428	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.70	0.258	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.70	1.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.70	0.551	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.70	0.221	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.70	0.833	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.70	0.493	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.70	0.684	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-04	**Date Collected**	: 09/04/19 09:59
Client ID	: MW-2S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 06:58
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9681	**Analyst**	: JW
Sample Amount	: 294 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.70	0.316	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.70	0.278	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.70	0.211	U
NONE	PFOA/PFOS, Total	84.4	1.70	0.201	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-05	Date Collected	: 09/04/19 10:02
Client ID	: MW-2D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 07:15
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9682	Analyst	: JW
Sample Amount	: 295 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	17.9	1.69	0.346	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	33.2	1.69	0.336	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	8.22	1.69	0.202	
307-24-4	Perfluorohexanoic Acid (PFHxA)	27.6	1.69	0.278	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	25.8	1.69	0.191	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	13.0	1.69	0.319	
335-67-1	Perfluorooctanoic Acid (PFOA)	98.3	1.69	0.200	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.69	1.13	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.69	0.583	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.569	1.69	0.264	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	4.39	1.69	0.427	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.69	0.258	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.69	1.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.69	0.549	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.69	0.220	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.69	0.830	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.69	0.492	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.69	0.681	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-05	**Date Collected**	: 09/04/19 10:02
Client ID	: MW-2D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 07:15
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9682	**Analyst**	: JW
Sample Amount	: 295 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.69	0.315	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.69	0.277	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.69	0.210	U
NONE	PFOA/PFOS, Total	103	1.69	0.200	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-06	Date Collected	: 09/04/19 10:05
Client ID	: MW-3S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 07:31
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9683	Analyst	: JW
Sample Amount	: 278 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	28.2	1.80	0.367	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	38.5	1.80	0.356	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	4.05	1.80	0.214	
307-24-4	Perfluorohexanoic Acid (PFHxA)	29.5	1.80	0.295	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	12.0	1.80	0.202	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.30	1.80	0.338	
335-67-1	Perfluorooctanoic Acid (PFOA)	46.4	1.80	0.212	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.80	1.20	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.80	0.619	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.356	1.80	0.280	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.20	1.80	0.453	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.80	0.273	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.80	1.09	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.80	0.583	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.80	0.234	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.80	0.881	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.80	0.522	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.80	0.723	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-06	**Date Collected**	: 09/04/19 10:05
Client ID	: MW-3S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 07:31
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9683	**Analyst**	: JW
Sample Amount	: 278 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.80	0.334	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.80	0.294	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.80	0.223	U
NONE	PFOA/PFOS, Total	47.6	1.80	0.212	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-07	Date Collected	: 09/04/19 10:08
Client ID	: MW-3D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 07:48
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9684	Analyst	: JW
Sample Amount	: 284 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	24.3	1.76	0.359	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	68.7	1.76	0.348	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	7.50	1.76	0.210	
307-24-4	Perfluorohexanoic Acid (PFHxA)	42.2	1.76	0.289	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	18.9	1.76	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.81	1.76	0.331	
335-67-1	Perfluorooctanoic Acid (PFOA)	53.4	1.76	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.76	1.17	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.76	0.606	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.933	1.76	0.275	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	3.03	1.76	0.444	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.426	1.76	0.268	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.76	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.76	0.570	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.76	0.229	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.76	0.863	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.76	0.510	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.76	0.708	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-07	Date Collected	: 09/04/19 10:08
Client ID	: MW-3D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 07:48
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9684	Analyst	: JW
Sample Amount	: 284 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.76	0.327	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.76	0.288	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.76	0.218	U
NONE	PFOA/PFOS, Total	56.4	1.76	0.208	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-08	Date Collected	: 09/04/19 10:30
Client ID	: MW-4S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 08:05
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9685	Analyst	: JW
Sample Amount	: 253 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	15.2	1.98	0.403	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	40.6	1.98	0.391	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.61	1.98	0.235	
307-24-4	Perfluorohexanoic Acid (PFHxA)	27.4	1.98	0.324	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	9.64	1.98	0.222	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.82	1.98	0.372	J
335-67-1	Perfluorooctanoic Acid (PFOA)	30.3	1.98	0.233	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.98	1.32	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.98	0.680	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.00	1.98	0.308	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	6.11	1.98	0.498	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.98	0.300	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.98	1.20	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.98	0.640	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.98	0.257	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.98	0.968	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.98	0.573	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.98	0.794	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-08	**Date Collected**	: 09/04/19 10:30
Client ID	: MW-4S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 08:05
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9685	**Analyst**	: JW
Sample Amount	: 253 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.98	0.368	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.98	0.323	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.98	0.245	U
NONE	PFOA/PFOS, Total	36.4	1.98	0.233	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-09	Date Collected	: 09/04/19 10:35
Client ID	: MW-4D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 08:21
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9686	Analyst	: JW
Sample Amount	: 113 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	1330	4.42	0.903	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	53.2	4.42	0.876	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	4.28	4.42	0.526	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	42.2	4.42	0.726	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	14.9	4.42	0.498	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	12.9	4.42	0.832	
335-67-1	Perfluorooctanoic Acid (PFOA)	72.3	4.42	0.522	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.60	4.42	2.95	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.42	1.52	U
375-95-1	Perfluorononanoic Acid (PFNA)	7.48	4.42	0.690	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	55.4	4.42	1.12	
335-76-2	Perfluorodecanoic Acid (PFDA)	29.0	4.42	0.672	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	3.50	4.42	2.68	J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	4.42	1.43	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	3.04	4.42	0.575	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	154	4.42	2.17	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	4.42	1.28	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	9.26	4.42	1.78	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-09	**Date Collected**	: 09/04/19 10:35
Client ID	: MW-4D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 08:21
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9686	**Analyst**	: JW
Sample Amount	: 113 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	6.88	4.42	0.823	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	4.42	0.724	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	4.42	0.549	U
NONE	PFOA/PFOS, Total	128	4.42	0.522	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-10	Date Collected	: 09/04/19 10:53
Client ID	: MW-5S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 08:38
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9687	Analyst	: JW
Sample Amount	: 295 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	16.5	1.69	0.346	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	45.2	1.69	0.336	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	40.3	1.69	0.202	
307-24-4	Perfluorohexanoic Acid (PFHxA)	27.7	1.69	0.278	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	14.9	1.69	0.191	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.38	1.69	0.319	
335-67-1	Perfluorooctanoic Acid (PFOA)	53.7	1.69	0.200	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.69	1.13	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.69	0.583	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.84	1.69	0.264	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	14.0	1.69	0.427	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.668	1.69	0.258	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.69	1.03	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.69	0.549	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.69	0.220	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.69	0.830	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.69	0.492	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.69	0.681	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-10	**Date Collected**	: 09/04/19 10:53
Client ID	: MW-5S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 08:38
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9687	**Analyst**	: JW
Sample Amount	: 295 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.69	0.315	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.69	0.277	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.69	0.210	U
NONE	PFOA/PFOS, Total	67.7	1.69	0.200	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-11	Date Collected	: 09/04/19 10:58
Client ID	: MW-5D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 11:40
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9698	Analyst	: JW
Sample Amount	: 285 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	11.0	1.75	0.358	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	24.1	1.75	0.347	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	8.06	1.75	0.209	
307-24-4	Perfluorohexanoic Acid (PFHxA)	17.0	1.75	0.288	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	14.1	1.75	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.49	1.75	0.330	
335-67-1	Perfluorooctanoic Acid (PFOA)	48.9	1.75	0.207	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.17	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.604	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.64	1.75	0.274	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	10.3	1.75	0.442	
335-76-2	Perfluorodecanoic Acid (PFDA)	1.07	1.75	0.267	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	1.04	1.75	0.568	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.228	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.860	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.509	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.814	1.75	0.705	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-11	**Date Collected**	: 09/04/19 10:58
Client ID	: MW-5D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 11:40
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9698	**Analyst**	: JW
Sample Amount	: 285 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.326	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.287	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.218	U
NONE	PFOA/PFOS, Total	59.2	1.75	0.207	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-12	Date Collected	: 09/04/19 11:27
Client ID	: MW-6S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 11:57
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9699	Analyst	: JW
Sample Amount	: 296 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	97.4	1.69	0.344	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	43.4	1.69	0.334	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.36	1.69	0.201	
307-24-4	Perfluorohexanoic Acid (PFHxA)	355	1.69	0.277	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.49	1.69	0.190	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	14.0	1.69	0.318	
335-67-1	Perfluorooctanoic Acid (PFOA)	70.6	1.69	0.199	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.69	1.12	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	6.48	1.69	0.581	
375-95-1	Perfluorononanoic Acid (PFNA)	1.15	1.69	0.264	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	152	1.69	0.426	
335-76-2	Perfluorodecanoic Acid (PFDA)	1.20	1.69	0.257	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.69	1.02	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.69	0.547	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.69	0.220	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	17.6	1.69	0.828	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.69	0.490	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.69	0.679	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-12	**Date Collected**	: 09/04/19 11:27
Client ID	: MW-6S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 11:57
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9699	**Analyst**	: JW
Sample Amount	: 296 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.69	0.314	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.69	0.276	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.69	0.209	U
NONE	PFOA/PFOS, Total	223	1.69	0.199	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-13	Date Collected	: 09/04/19 11:29
Client ID	: MW-6D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 12:13
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9700	Analyst	: JW
Sample Amount	: 268 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	951	1.86	0.380	E
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3500	1.86	0.369	E
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	26.1	1.86	0.222	
307-24-4	Perfluorohexanoic Acid (PFHxA)	6830	1.86	0.306	E
375-85-9	Perfluoroheptanoic Acid (PFHpA)	369	1.86	0.210	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	35.0	1.86	0.351	
335-67-1	Perfluorooctanoic Acid (PFOA)	651	1.86	0.220	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.86	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	12.1	1.86	0.642	
375-95-1	Perfluorononanoic Acid (PFNA)	7.24	1.86	0.291	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	472	1.86	0.470	
335-76-2	Perfluorodecanoic Acid (PFDA)	22.0	1.86	0.284	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.86	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.86	0.604	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.86	0.242	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	19.9	1.86	0.914	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.86	0.541	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.880	1.86	0.750	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-13	**Date Collected**	: 09/04/19 11:29
Client ID	: MW-6D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 12:13
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9700	**Analyst**	: JW
Sample Amount	: 268 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.86	0.347	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.86	0.305	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.86	0.231	U
NONE	PFOA/PFOS, Total	1120	1.86	0.220	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-13RE	**Date Collected**	: 09/04/19 11:29
Client ID	: MW-6D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/22/19 13:24
Sample Matrix	: WATER	**Date Extracted**	: 09/20/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9869	**Analyst**	: JW
Sample Amount	: 25 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	968	20.0	4.08	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3720	20.0	3.96	
307-24-4	Perfluorohexanoic Acid (PFHxA)	7660	20.0	3.28	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-14	Date Collected	: 09/04/19 11:42
Client ID	: MW-7S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 12:30
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9701	Analyst	: JW
Sample Amount	: 265 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	43.6	1.89	0.385	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	122	1.89	0.374	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	77.8	1.89	0.224	
307-24-4	Perfluorohexanoic Acid (PFHxA)	232	1.89	0.309	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	26.1	1.89	0.212	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.22	1.89	0.355	
335-67-1	Perfluorooctanoic Acid (PFOA)	88.9	1.89	0.223	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.89	1.26	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.89	0.649	U
375-95-1	Perfluorononanoic Acid (PFNA)	6.75	1.89	0.294	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	8.57	1.89	0.475	
335-76-2	Perfluorodecanoic Acid (PFDA)	11.4	1.89	0.287	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.89	1.14	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.89	0.611	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.89	0.245	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	1110	1.89	0.924	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.89	0.547	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.89	0.758	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-14	**Date Collected**	: 09/04/19 11:42
Client ID	: MW-7S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 12:30
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9701	**Analyst**	: JW
Sample Amount	: 265 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.89	0.351	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.89	0.309	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.89	0.234	U
NONE	PFOA/PFOS, Total	97.5	1.89	0.223	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-15	Date Collected	: 09/04/19 11:45
Client ID	: MW-7I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 12:46
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9702	Analyst	: JW
Sample Amount	: 291 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	22.1	1.72	0.350	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	87.1	1.72	0.340	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	73.2	1.72	0.204	
307-24-4	Perfluorohexanoic Acid (PFHxA)	58.5	1.72	0.282	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	12.5	1.72	0.193	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.67	1.72	0.323	
335-67-1	Perfluorooctanoic Acid (PFOA)	42.7	1.72	0.203	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.72	1.14	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.72	0.591	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.18	1.72	0.268	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	7.72	1.72	0.433	
335-76-2	Perfluorodecanoic Acid (PFDA)	1.06	1.72	0.261	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.72	1.04	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.72	0.557	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.72	0.223	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	41.4	1.72	0.842	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.72	0.498	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.72	0.691	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-15	**Date Collected**	: 09/04/19 11:45
Client ID	: MW-7I	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 12:46
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9702	**Analyst**	: JW
Sample Amount	: 291 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.72	0.320	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.72	0.281	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.72	0.213	U
NONE	PFOA/PFOS, Total	50.4	1.72	0.203	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-16	Date Collected	: 09/04/19 11:53
Client ID	: MW-7D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 13:03
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9703	Analyst	: JW
Sample Amount	: 287 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	22.3	1.74	0.355	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	79.0	1.74	0.345	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	68.8	1.74	0.207	
307-24-4	Perfluorohexanoic Acid (PFHxA)	45.9	1.74	0.286	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	14.9	1.74	0.196	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.64	1.74	0.328	
335-67-1	Perfluorooctanoic Acid (PFOA)	49.8	1.74	0.206	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.74	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.74	0.599	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.71	1.74	0.272	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	11.1	1.74	0.439	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.969	1.74	0.265	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.74	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.74	0.564	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.74	0.226	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	15.8	1.74	0.854	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.74	0.505	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.74	0.700	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-16	**Date Collected**	: 09/04/19 11:53
Client ID	: MW-7D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 13:03
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9703	**Analyst**	: JW
Sample Amount	: 287 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.74	0.324	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.74	0.285	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.74	0.216	U
NONE	PFOA/PFOS, Total	60.9	1.74	0.206	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-17	Date Collected	: 09/04/19 12:00
Client ID	: MW-8S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 13:19
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9704	Analyst	: JW
Sample Amount	: 271 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	8.73	1.84	0.376	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	12.6	1.84	0.365	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	8.87	1.84	0.220	
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.6	1.84	0.302	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	7.62	1.84	0.208	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.08	1.84	0.347	
335-67-1	Perfluorooctanoic Acid (PFOA)	32.0	1.84	0.218	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.84	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.84	0.635	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.989	1.84	0.288	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	6.00	1.84	0.465	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.528	1.84	0.280	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.598	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.84	0.240	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.904	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.84	0.535	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.84	0.742	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-17	**Date Collected**	: 09/04/19 12:00
Client ID	: MW-8S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 13:19
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9704	**Analyst**	: JW
Sample Amount	: 271 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.343	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.302	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.229	U
NONE	PFOA/PFOS, Total	38.0	1.84	0.218	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-18	Date Collected	: 09/04/19 12:03
Client ID	: MW-8D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 13:36
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9705	Analyst	: JW
Sample Amount	: 288 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	15.4	1.74	0.354	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	21.3	1.74	0.344	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	15.4	1.74	0.206	
307-24-4	Perfluorohexanoic Acid (PFHxA)	18.1	1.74	0.285	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	11.4	1.74	0.195	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.67	1.74	0.326	
335-67-1	Perfluorooctanoic Acid (PFOA)	50.2	1.74	0.205	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.74	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.74	0.597	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.60	1.74	0.271	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	10.7	1.74	0.438	
335-76-2	Perfluorodecanoic Acid (PFDA)	1.56	1.74	0.264	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.74	1.05	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.74	0.562	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.74	0.226	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	2.67	1.74	0.851	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.74	0.503	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.74	0.698	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-18	**Date Collected**	: 09/04/19 12:03
Client ID	: MW-8D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 13:36
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9705	**Analyst**	: JW
Sample Amount	: 288 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.74	0.323	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.74	0.284	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.74	0.215	U
NONE	PFOA/PFOS, Total	60.9	1.74	0.205	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-19	Date Collected	: 09/04/19 12:15
Client ID	: MW-9S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 13:53
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9706	Analyst	: JW
Sample Amount	: 284 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	45.4	1.76	0.359	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	92.6	1.76	0.348	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	15.4	1.76	0.210	
307-24-4	Perfluorohexanoic Acid (PFHxA)	155	1.76	0.289	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	10.2	1.76	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.415	1.76	0.331	J
335-67-1	Perfluorooctanoic Acid (PFOA)	8.36	1.76	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.76	1.17	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.76	0.606	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.532	1.76	0.275	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.60	1.76	0.444	J
335-76-2	Perfluorodecanoic Acid (PFDA)	2.52	1.76	0.268	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.76	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	0.824	1.76	0.570	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.76	0.229	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	1.79	1.76	0.863	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.76	0.510	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.76	0.708	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-19	**Date Collected**	: 09/04/19 12:15
Client ID	: MW-9S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 13:53
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9706	**Analyst**	: JW
Sample Amount	: 284 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.76	0.327	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.76	0.288	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.76	0.218	U
NONE	PFOA/PFOS, Total	9.96	1.76	0.208	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-20	Date Collected	: 09/04/19 12:19
Client ID	: MW-9I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 14:09
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9707	Analyst	: JW
Sample Amount	: 283 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	21.2	1.77	0.360	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	35.4	1.77	0.350	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.99	1.77	0.210	
307-24-4	Perfluorohexanoic Acid (PFHxA)	41.8	1.77	0.290	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	21.1	1.77	0.199	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.12	1.77	0.332	
335-67-1	Perfluorooctanoic Acid (PFOA)	47.5	1.77	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.608	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.77	0.276	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.25	1.77	0.445	J
335-76-2	Perfluorodecanoic Acid (PFDA)	0.385	1.77	0.268	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.77	0.572	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.77	0.230	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.77	0.866	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.512	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	0.710	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-20	Date Collected	: 09/04/19 12:19
Client ID	: MW-9I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 14:09
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9707	Analyst	: JW
Sample Amount	: 283 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.329	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.289	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.219	U
NONE	PFOA/PFOS, Total	48.8	1.77	0.208	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-21	Date Collected	: 09/04/19 12:17
Client ID	: MW-9D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 17:50
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9720	Analyst	: JW
Sample Amount	: 285 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	14.2	1.75	0.358	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	21.7	1.75	0.347	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.67	1.75	0.209	
307-24-4	Perfluorohexanoic Acid (PFHxA)	23.4	1.75	0.288	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	12.0	1.75	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.33	1.75	0.330	
335-67-1	Perfluorooctanoic Acid (PFOA)	25.8	1.75	0.207	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.17	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.604	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.75	0.274	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.35	1.75	0.442	J
335-76-2	Perfluorodecanoic Acid (PFDA)	0.404	1.75	0.267	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.568	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.228	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.860	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.509	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.705	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-21	**Date Collected**	: 09/04/19 12:17
Client ID	: MW-9D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 17:50
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9720	**Analyst**	: JW
Sample Amount	: 285 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.326	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.287	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.218	U
NONE	PFOA/PFOS, Total	27.2	1.75	0.207	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-22	Date Collected	: 09/04/19 12:30
Client ID	: MW-10S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 18:07
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9721	Analyst	: JW
Sample Amount	: 290 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	46.5	1.72	0.352	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	104	1.72	0.341	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.05	1.72	0.205	
307-24-4	Perfluorohexanoic Acid (PFHxA)	332	1.72	0.283	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	40.7	1.72	0.194	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.64	1.72	0.324	
335-67-1	Perfluorooctanoic Acid (PFOA)	154	1.72	0.203	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.72	1.15	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.72	0.593	U
375-95-1	Perfluorononanoic Acid (PFNA)	11.6	1.72	0.269	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	12.2	1.72	0.434	
335-76-2	Perfluorodecanoic Acid (PFDA)	24.8	1.72	0.262	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.72	1.04	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.72	0.559	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.36	1.72	0.224	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.72	0.845	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.72	0.500	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.72	0.693	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-22	**Date Collected**	: 09/04/19 12:30
Client ID	: MW-10S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 18:07
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9721	**Analyst**	: JW
Sample Amount	: 290 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.72	0.321	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.72	0.282	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.72	0.214	U
NONE	PFOA/PFOS, Total	166	1.72	0.203	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-23	Date Collected	: 09/04/19 12:31
Client ID	: MW-10I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 18:23
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9722	Analyst	: JW
Sample Amount	: 282 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	31.4	1.77	0.362	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	70.6	1.77	0.351	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	12.2	1.77	0.211	
307-24-4	Perfluorohexanoic Acid (PFHxA)	88.8	1.77	0.291	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	22.9	1.77	0.200	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.67	1.77	0.333	
335-67-1	Perfluorooctanoic Acid (PFOA)	72.7	1.77	0.209	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.610	U
375-95-1	Perfluorononanoic Acid (PFNA)	4.47	1.77	0.276	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	12.7	1.77	0.447	
335-76-2	Perfluorodecanoic Acid (PFDA)	9.13	1.77	0.270	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.07	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.77	0.574	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.730	1.77	0.230	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	8.65	1.77	0.869	J
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.514	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	0.713	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-23	**Date Collected**	: 09/04/19 12:31
Client ID	: MW-10I	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 18:23
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9722	**Analyst**	: JW
Sample Amount	: 282 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.330	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.290	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.220	U
NONE	PFOA/PFOS, Total	85.4	1.77	0.209	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-24	Date Collected	: 09/04/19 12:33
Client ID	: MW-10D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 18:56
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9724	Analyst	: JW
Sample Amount	: 292 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	19.0	1.71	0.349	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	31.4	1.71	0.339	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	4.94	1.71	0.204	
307-24-4	Perfluorohexanoic Acid (PFHxA)	35.5	1.71	0.281	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	16.2	1.71	0.193	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	9.98	1.71	0.322	
335-67-1	Perfluorooctanoic Acid (PFOA)	55.6	1.71	0.202	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.71	1.14	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.12	1.71	0.589	J
375-95-1	Perfluorononanoic Acid (PFNA)	3.59	1.71	0.267	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	33.0	1.71	0.432	
335-76-2	Perfluorodecanoic Acid (PFDA)	4.01	1.71	0.260	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.71	1.04	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.71	0.555	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.71	0.223	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	1.43	1.71	0.839	J
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.71	0.496	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.71	0.688	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-24	**Date Collected**	: 09/04/19 12:33
Client ID	: MW-10D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 18:56
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9724	**Analyst**	: JW
Sample Amount	: 292 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.71	0.318	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.71	0.280	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.71	0.212	U
NONE	PFOA/PFOS, Total	88.6	1.71	0.202	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-25	Date Collected	: 09/04/19 12:50
Client ID	: MW-11S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 19:13
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9725	Analyst	: JW
Sample Amount	: 289 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	33.3	1.73	0.353	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	123	1.73	0.342	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	9.90	1.73	0.206	
307-24-4	Perfluorohexanoic Acid (PFHxA)	115	1.73	0.284	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	42.2	1.73	0.195	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.88	1.73	0.325	
335-67-1	Perfluorooctanoic Acid (PFOA)	122	1.73	0.204	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.73	1.15	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.73	0.595	U
375-95-1	Perfluorononanoic Acid (PFNA)	12.4	1.73	0.270	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	16.6	1.73	0.436	
335-76-2	Perfluorodecanoic Acid (PFDA)	30.4	1.73	0.263	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.73	1.05	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	1.30	1.73	0.560	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	2.31	1.73	0.225	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.73	0.848	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.519	1.73	0.502	J
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.73	0.696	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-25	**Date Collected**	: 09/04/19 12:50
Client ID	: MW-11S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 19:13
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9725	**Analyst**	: JW
Sample Amount	: 289 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	1.98	1.73	0.322	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.73	0.283	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.73	0.214	U
NONE	PFOA/PFOS, Total	139	1.73	0.204	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-26	Date Collected	: 09/04/19 12:55
Client ID	: MW-11I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 19:29
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9726	Analyst	: JW
Sample Amount	: 279 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	23.2	1.79	0.366	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	80.0	1.79	0.355	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.58	1.79	0.213	
307-24-4	Perfluorohexanoic Acid (PFHxA)	68.4	1.79	0.294	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	35.0	1.79	0.202	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.22	1.79	0.337	J
335-67-1	Perfluorooctanoic Acid (PFOA)	105	1.79	0.211	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.79	1.19	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.79	0.616	U
375-95-1	Perfluorononanoic Acid (PFNA)	13.4	1.79	0.280	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	13.4	1.79	0.452	
335-76-2	Perfluorodecanoic Acid (PFDA)	38.0	1.79	0.272	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.79	1.09	U J
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.79	0.581	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	4.04	1.79	0.233	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.79	0.878	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.767	1.79	0.520	J
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.79	0.720	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-26	**Date Collected**	: 09/04/19 12:55
Client ID	: MW-11I	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 19:29
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9726	**Analyst**	: JW
Sample Amount	: 279 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	4.60	1.79	0.333	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.79	0.293	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.79	0.222	U
NONE	PFOA/PFOS, Total	118	1.79	0.211	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-27	Date Collected	: 09/04/19 13:00
Client ID	: MW-11D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 22:48
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9738	Analyst	: JW
Sample Amount	: 280 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	54.0	1.78	0.364	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	180	1.78	0.354	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	4.07	1.78	0.212	
307-24-4	Perfluorohexanoic Acid (PFHxA)	167	1.78	0.293	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	65.6	1.78	0.201	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.15	1.78	0.336	
335-67-1	Perfluorooctanoic Acid (PFOA)	196	1.78	0.211	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.25	1.78	1.19	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.682	1.78	0.614	J
375-95-1	Perfluorononanoic Acid (PFNA)	21.9	1.78	0.278	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	25.7	1.78	0.450	
335-76-2	Perfluorodecanoic Acid (PFDA)	53.0	1.78	0.271	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.78	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	1.12	1.78	0.578	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	2.58	1.78	0.232	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	1.20	1.78	0.875	J
754-91-6	Perfluorooctanesulfonamide (FOSA)	2.85	1.78	0.518	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.17	1.78	0.718	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-27	**Date Collected**	: 09/04/19 13:00
Client ID	: MW-11D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 22:48
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9738	**Analyst**	: JW
Sample Amount	: 280 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	2.85	1.78	0.332	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.78	0.292	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.78	0.221	U
NONE	PFOA/PFOS, Total	222	1.78	0.211	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-28	Date Collected	: 09/04/19 13:30
Client ID	: MW-12S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 23:05
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9739	Analyst	: JW
Sample Amount	: 278 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	39.3	1.80	0.367	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	49.6	1.80	0.356	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.27	1.80	0.214	
307-24-4	Perfluorohexanoic Acid (PFHxA)	39.3	1.80	0.295	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	22.6	1.80	0.202	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.85	1.80	0.338	
335-67-1	Perfluorooctanoic Acid (PFOA)	147	1.80	0.212	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.80	1.20	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.80	0.619	U
375-95-1	Perfluorononanoic Acid (PFNA)	5.66	1.80	0.280	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	15.1	1.80	0.453	
335-76-2	Perfluorodecanoic Acid (PFDA)	11.3	1.80	0.273	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.80	1.09	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.80	0.583	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.950	1.80	0.234	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.80	0.881	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.80	0.522	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.80	0.723	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-28	**Date Collected**	: 09/04/19 13:30
Client ID	: MW-12S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 23:05
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9739	**Analyst**	: JW
Sample Amount	: 278 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.80	0.334	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.80	0.294	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.80	0.223	U
NONE	PFOA/PFOS, Total	162	1.80	0.212	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-29	Date Collected	: 09/04/19 13:40
Client ID	: MW-12D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 23:22
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9740	Analyst	: JW
Sample Amount	: 286 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	20.8	1.75	0.357	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	48.0	1.75	0.346	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.76	1.75	0.208	
307-24-4	Perfluorohexanoic Acid (PFHxA)	43.4	1.75	0.287	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	27.2	1.75	0.197	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	7.37	1.75	0.329	
335-67-1	Perfluorooctanoic Acid (PFOA)	55.0	1.75	0.206	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.601	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.75	0.273	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.675	1.75	0.440	J
335-76-2	Perfluorodecanoic Acid (PFDA)	0.426	1.75	0.266	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.566	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.227	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.857	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.507	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.703	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-29	**Date Collected**	: 09/04/19 13:40
Client ID	: MW-12D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 23:22
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9740	**Analyst**	: JW
Sample Amount	: 286 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.325	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.286	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.217	U
NONE	PFOA/PFOS, Total	55.7	1.75	0.206	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-30	Date Collected	: 09/04/19 14:00
Client ID	: MW-13S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 23:38
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9741	Analyst	: JW
Sample Amount	: 283 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	42.2	1.77	0.360	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	166	1.77	0.350	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.92	1.77	0.210	
307-24-4	Perfluorohexanoic Acid (PFHxA)	106	1.77	0.290	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	52.4	1.77	0.199	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.81	1.77	0.332	
335-67-1	Perfluorooctanoic Acid (PFOA)	148	1.77	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.608	U
375-95-1	Perfluorononanoic Acid (PFNA)	14.8	1.77	0.276	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	14.4	1.77	0.445	
335-76-2	Perfluorodecanoic Acid (PFDA)	39.3	1.77	0.268	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.77	0.572	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.767	1.77	0.230	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	1.09	1.77	0.866	J
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.512	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.717	1.77	0.710	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-30	**Date Collected**	: 09/04/19 14:00
Client ID	: MW-13S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 23:38
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9741	**Analyst**	: JW
Sample Amount	: 283 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.329	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.289	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.219	U
NONE	PFOA/PFOS, Total	162	1.77	0.208	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-31	Date Collected	: 09/04/19 14:03
Client ID	: MW-13I	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/19/19 23:55
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9742	Analyst	: JW
Sample Amount	: 292 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	46.5	1.71	0.349	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	192	1.71	0.339	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.24	1.71	0.204	
307-24-4	Perfluorohexanoic Acid (PFHxA)	121	1.71	0.281	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	58.9	1.71	0.193	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.64	1.71	0.322	
335-67-1	Perfluorooctanoic Acid (PFOA)	154	1.71	0.202	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.71	1.14	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.71	0.589	U
375-95-1	Perfluorononanoic Acid (PFNA)	9.62	1.71	0.267	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	6.19	1.71	0.432	
335-76-2	Perfluorodecanoic Acid (PFDA)	8.46	1.71	0.260	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.71	1.04	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.71	0.555	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.71	0.223	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.71	0.839	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.71	0.496	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.71	0.688	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-31	**Date Collected**	: 09/04/19 14:03
Client ID	: MW-13I	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/19/19 23:55
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9742	**Analyst**	: JW
Sample Amount	: 292 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.71	0.318	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.71	0.280	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.71	0.212	U
NONE	PFOA/PFOS, Total	160	1.71	0.202	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-32	Date Collected	: 09/04/19 14:07
Client ID	: MW-13D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/20/19 00:11
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9743	Analyst	: JW
Sample Amount	: 292 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	19.4	1.71	0.349	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	33.3	1.71	0.339	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.54	1.71	0.204	
307-24-4	Perfluorohexanoic Acid (PFHxA)	26.6	1.71	0.281	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	15.7	1.71	0.193	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	7.49	1.71	0.322	
335-67-1	Perfluorooctanoic Acid (PFOA)	61.0	1.71	0.202	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.71	1.14	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.71	0.589	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.71	1.71	0.267	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	14.1	1.71	0.432	
335-76-2	Perfluorodecanoic Acid (PFDA)	1.60	1.71	0.260	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.71	1.04	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.71	0.555	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.71	0.223	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.71	0.839	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.71	0.496	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.71	0.688	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-32	**Date Collected**	: 09/04/19 14:07
Client ID	: MW-13D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/20/19 00:11
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9743	**Analyst**	: JW
Sample Amount	: 292 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.71	0.318	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.71	0.280	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.71	0.212	U
NONE	PFOA/PFOS, Total	75.1	1.71	0.202	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-33	Date Collected	: 09/04/19 14:11
Client ID	: MW-14S	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/20/19 00:28
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9744	Analyst	: JW
Sample Amount	: 285 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	5.28	1.75	0.358	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	9.61	1.75	0.347	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.72	1.75	0.209	
307-24-4	Perfluorohexanoic Acid (PFHxA)	8.04	1.75	0.288	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	4.14	1.75	0.198	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.33	1.75	0.330	J
335-67-1	Perfluorooctanoic Acid (PFOA)	18.1	1.75	0.207	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.17	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.604	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.08	1.75	0.274	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	14.5	1.75	0.442	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.558	1.75	0.267	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.568	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.228	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.860	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.509	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.705	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-33	**Date Collected**	: 09/04/19 14:11
Client ID	: MW-14S	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/20/19 00:28
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9744	**Analyst**	: JW
Sample Amount	: 285 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.326	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.287	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.218	U
NONE	PFOA/PFOS, Total	32.6	1.75	0.207	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-34	Date Collected	: 09/04/19 14:16
Client ID	: MW-14D	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/20/19 00:44
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9745	Analyst	: JW
Sample Amount	: 286 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	13.8	1.75	0.357	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	29.2	1.75	0.346	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	22.1	1.75	0.208	
307-24-4	Perfluorohexanoic Acid (PFHxA)	21.5	1.75	0.287	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	20.5	1.75	0.197	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	6.17	1.75	0.329	
335-67-1	Perfluorooctanoic Acid (PFOA)	82.6	1.75	0.206	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.601	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.68	1.75	0.273	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	11.6	1.75	0.440	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.493	1.75	0.266	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.566	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.227	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.857	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.507	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.703	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-34	**Date Collected**	: 09/04/19 14:16
Client ID	: MW-14D	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/20/19 00:44
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9745	**Analyst**	: JW
Sample Amount	: 286 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.325	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.286	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.217	U
NONE	PFOA/PFOS, Total	94.2	1.75	0.206	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-35	Date Collected	: 09/04/19 12:30
Client ID	: DUP-2	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/20/19 01:01
Sample Matrix	: WATER	Date Extracted	: 09/18/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I9746	Analyst	: JW
Sample Amount	: 286 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	43.4	1.75	0.357	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	104	1.75	0.346	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.99	1.75	0.208	
307-24-4	Perfluorohexanoic Acid (PFHxA)	340	1.75	0.287	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	41.4	1.75	0.197	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.62	1.75	0.329	
335-67-1	Perfluorooctanoic Acid (PFOA)	158	1.75	0.206	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.601	U
375-95-1	Perfluorononanoic Acid (PFNA)	11.1	1.75	0.273	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	10.6	1.75	0.440	
335-76-2	Perfluorodecanoic Acid (PFDA)	25.7	1.75	0.266	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.566	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.45	1.75	0.227	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.857	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.507	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.703	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-35	**Date Collected**	: 09/04/19 12:30
Client ID	: DUP-2	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/20/19 01:01
Sample Matrix	: WATER	**Date Extracted**	: 09/18/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I9746	**Analyst**	: JW
Sample Amount	: 286 g	**Instrument ID**	: LCMS02
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.325	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.286	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.217	U
NONE	PFOA/PFOS, Total	169	1.75	0.206	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-36	Date Collected	: 09/04/19 07:00
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/18/19 11:21
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I18285	Analyst	: RS
Sample Amount	: 261 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.92	0.391	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.92	0.379	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.92	0.228	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.398	1.92	0.314	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.92	0.216	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.92	0.360	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.92	0.226	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.92	1.28	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.92	0.659	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.92	0.299	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.632	1.92	0.483	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.92	0.291	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.92	1.16	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.92	0.621	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.92	0.249	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	0.939	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.92	0.556	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.92	0.770	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-36	**Date Collected**	: 09/04/19 07:00
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/18/19 11:21
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I18285	**Analyst**	: RS
Sample Amount	: 261 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.92	0.356	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.92	0.313	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.92	0.238	U
NONE	PFOA/PFOS, Total	0.632	1.92	0.226	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-37	Date Collected	: 09/04/19 07:02
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/18/19 11:38
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I18286	Analyst	: RS
Sample Amount	: 275 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.82	0.371	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.82	0.360	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.82	0.216	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.82	0.298	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.82	0.205	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	0.342	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.82	0.214	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.82	1.21	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.82	0.625	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.82	0.284	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.491	1.82	0.458	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.82	0.276	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.82	1.10	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.82	0.589	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.82	0.236	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.82	0.891	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.82	0.527	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.82	0.731	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-37	**Date Collected**	: 09/04/19 07:02
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/18/19 11:38
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I18286	**Analyst**	: RS
Sample Amount	: 275 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.82	0.338	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.82	0.297	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.82	0.225	U
NONE	PFOA/PFOS, Total	0.491	1.82	0.214	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	Lab Number	: L1940295
Project Name	:	Project Number	: 11845
Lab ID	: L1940295-38	Date Collected	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQ-GW-3	Date Received	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	Date Analyzed	: 09/18/19 11:55
Sample Matrix	: WATER	Date Extracted	: 09/17/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I18287	Analyst	: RS
Sample Amount	: 271 g	Instrument ID	: LCMS01
Extraction Method	: EPA 537	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.84	0.376	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.84	0.365	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.84	0.220	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.384	1.84	0.302	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.84	0.208	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.84	0.347	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.84	0.218	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.84	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.84	0.635	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.84	0.288	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.483	1.84	0.465	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.84	0.280	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.598	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.84	0.240	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.904	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.84	0.535	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.84	0.742	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Impact Environmental	**Lab Number**	: L1940295
Project Name	:	**Project Number**	: 11845
Lab ID	: L1940295-38	**Date Collected**	: 09/04/19 07:05
Client ID	: FIELD BLANK-EQ-GW-3	**Date Received**	: 09/04/19
Sample Location	: 11-35 31ST DRIVE ASTORIA	**Date Analyzed**	: 09/18/19 11:55
Sample Matrix	: WATER	**Date Extracted**	: 09/17/19
Analytical Method	: 122,537(M)	**Dilution Factor**	: 1
Lab File ID	: I18287	**Analyst**	: RS
Sample Amount	: 271 g	**Instrument ID**	: LCMS01
Extraction Method	: EPA 537	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.343	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.302	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.229	U
NONE	PFOA/PFOS, Total	0.483	1.84	0.218	J

ATTACHMENT B

CASE NARRATIVE & COC

L1940295

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 4

LAB NAME: Alpha labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
NYSDEC PFAS METHOD 537

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

Sample Information / Sample Collection / Sample Containers

Number of Each Preserved Bottle

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	(LAB USE ONLY)
	1 DUPE -1	11845	L		9/4/19	1053	2		X				
	2 MW-1S		L			952	2		X				
	3 MW-1D		L			956	2		X				
	4 MW-2S		L			959	2		X				
	5 MW-2D		L			1002	2		X				
	6 MW-3S		L			1005	2		X				
	7 MW-3D		L			1008	2		X				
	8 MW-4S		L			1030	6		X				
	9 MW-4D		L			1035	2		X				
	10 MW-5S		L			1053	2		X				

Turnaround Time (Business Days)

Standard Service
- [X] Standard - 5 day
- [ ] Standard - 4 day
- [ ] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other _____
- [ ] EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

MW-4S MS MSD

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-19 1705	MGAR CAAL	MGAR	9-4 2025	AAC
2	AAC	9/5/19 0815				
3						
4						
5						

COOLER INFORMATION

Cooler Temp:_____ pH:_____ [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Form SS-2/Nov 2013

L1940295

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 4

LAB NAME: Alpha Labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DELA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Analytical Information

Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	NYSDEC PFAS METHOD 537				
						X				

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

Sample Information / Sample Collection / Sample Containers

Number of Each Preserved Bottle

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035	
1	MW-5D	11845	L		9/4/19	1058	2		X				X
2	MW-6S		L			1127	2		X				X
3	MW-6D		L			1129	2		X				X
4	MW-7S		L			1142	2		X				X
5	MW-7I		L			1145	2		X				X
6	MW-7D		L			1153	2		X				X
7	MW-8S		L			1200	6		X				X
8	MW-8D		L			1203	2		X				X
9	MW-9S		L			1215	2		X				X
10	MW-9I		L			1219	2		X				X

Turnaround Time (Business Days)

Standard Service
- [X] Standard - 5 day
- [ ] Standard - 4 day
- [ ] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other _____
- [ ] EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

MW-8S MSMSD

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-19 1710	1	2 MGAR	9/4 2025	2
3	Relinquished by:	Date / Time: 9/5/19 0805	Received By: 3	Relinquished By: 4	Date / Time: 4	Received By: 4
5	Relinquished by:	Date / Time: 5	Received By: 5	COOLER INFORMATION		

Cooler Temp:_____ pH:_____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1940295

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 3 of 4

LAB NAME: Alpha labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANNA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: 11-35 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	NYSDEC PFAS METHOD 537					(LAB USE ONLY)
	1 MW-9D	11845	L		9/4/19	1217	2		X										X					
	2 MW-10S		L			1230	2		X										X					
	3 MW-10I		L			1231	2		X										X					
	4 MW-10D		L			1233	2		X										X					
	5 MW-11S		L			1250	2		X										X					
	6 MW-11I		L			1255	2		X										X					
	7 MW-11D		L			1300	2		X										X					
	8 MW-12S		L			1330	2		X										X					
	9 MW-12D		L			1340	2		X										X					
	10 MW-13S	↓	L		↓	1400	2		X										X					

Turnaround Time (Business Days)

Standard Service
- [X] Standard - 5 day
- [ ] Standard - 4 day
- [ ] Standard - 3 day

Rush Service
- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other _____
- [ ] EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-1910	1	2 MA MGAR	9-4 2025	2
3		9/5/19 0805	3	4	4	4
5		5	5			

COOLER INFORMATION
Cooler Temp:_____ pH:_____ [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1940295

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 4 of 4

LAB NAME: Alpha Labs

RECEIVED DATE: 9/5/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: JULIANA DE LA FUENTE
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name:
Street: I-35 ASTOP 31ST DRIVE ASTORIA
City: QUEENS **State:** NY **Zip:**
Project #: 11845
Sampler's Name: LEIF ROBERTSON
Sampler's Signature:

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CPS1 Analyte List)	NYSDEC PFAS METHOD 537					(LAB USE ONLY)
	1 MW-13 I	11845	L		9/4/19	1403	2		X										X					
	2 MW-13 D		L			1407	2		X										X					
	3 MW-14S		L			1411	2		X										X					
	4 MW-14D		L			1416	2		X										X					
	5 DUPE-2		L			1230	2		X										X					
	6 FIELD BLANK-EQ-GW-1		L			7:00	1		X										X					
	7 FIELD BLANK EQ-GW-2		L			7:02	1		X										X					
	8 FIELD BLANK EQ-GW-3		L			7:05	1		X										X					
	9																							
	10																							

Turnaround Time (Business Days)

Standard Service

- [X] Standard - 5 day
- [ ] Standard - 4 day
- [ ] Standard - 3 day

Rush Service

- [ ] 48 Hour *RUSH*
- [ ] 24 Hour *RUSH*

(LAB USE ONLY)

TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other _____
- [ ] EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	LEIF ROBERTSON	9-4-19 1710	MGAR (AM)	MGAR	9-5 2025	
2						
3		9/5/19 0015				
4						
5						

COOLER INFORMATION

Cooler Temp:_____ pH:_____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

Project Name: Not Specified
Project Number: 11845

Lab Number: L1940295
Report Date: 09/23/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1940295-01	DUP-1	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:53	09/04/19
L1940295-02	MW-1S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 09:52	09/04/19
L1940295-03	MW-1D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 09:56	09/04/19
L1940295-04	MW-2S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 09:59	09/04/19
L1940295-05	MW-2D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:02	09/04/19
L1940295-06	MW-3S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:05	09/04/19
L1940295-07	MW-3D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:08	09/04/19
L1940295-08	MW-4S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:30	09/04/19
L1940295-09	MW-4D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:35	09/04/19
L1940295-10	MW-5S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:53	09/04/19
L1940295-11	MW-5D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 10:58	09/04/19
L1940295-12	MW-6S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 11:27	09/04/19
L1940295-13	MW-6D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 11:29	09/04/19
L1940295-14	MW-7S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 11:42	09/04/19
L1940295-15	MW-7I	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 11:45	09/04/19
L1940295-16	MW-7D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 11:53	09/04/19
L1940295-17	MW-8S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:00	09/04/19
L1940295-18	MW-8D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:03	09/04/19
L1940295-19	MW-9S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:15	09/04/19
L1940295-20	MW-9I	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:19	09/04/19
L1940295-21	MW-9D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:17	09/04/19
L1940295-22	MW-10S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:30	09/04/19
L1940295-23	MW-10I	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:31	09/04/19
L1940295-24	MW-10D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:33	09/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1940295-25	MW-11S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:50	09/04/19
L1940295-26	MW-11I	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:55	09/04/19
L1940295-27	MW-11D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 13:00	09/04/19
L1940295-28	MW-12S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 13:30	09/04/19
L1940295-29	MW-12D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 13:40	09/04/19
L1940295-30	MW-13S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 14:00	09/04/19
L1940295-31	MW-13I	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 14:03	09/04/19
L1940295-32	MW-13D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 14:07	09/04/19
L1940295-33	MW-14S	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 14:11	09/04/19
L1940295-34	MW-14D	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 14:16	09/04/19
L1940295-35	DUP-2	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 12:30	09/04/19
L1940295-36	FIELD BLANK-EQ-GW-1	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 07:00	09/04/19
L1940295-37	FIELD BLANK-EQ-GW-2	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 07:02	09/04/19
L1940295-38	FIELD BLANK-EQ-GW-3	WATER	11-35 31ST DRIVE ASTORIA	09/04/19 07:05	09/04/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Sample Receipt

The Sample listed on the chain as "MW-14S" was received labeled as "MW-14-S". Per client request the sample is reported as "MW-14S".

The Sample listed on the chain as "MW-14D" was received labeled as "MW-14-D". Per client request the sample is reported as "MW-14D".

The Sample listed on the chain as "DUPE-1" was received labeled as "DUP-1". Per client request the sample is reported as "DUP-1".

The Sample listed on the chain as "DUPE-2" was received labeled as "DUP-2". Per client request the sample is reported as "DUP-2".

Perfluorinated Alkyl Acids by Isotope Dilution

L1940295-06, -09, -12, -13, -14, -15, -18, -19, -22, -23, -24, -25, -26, -27, -35, and -38: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L1940295-13: The sample was re-extracted on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

WG1285457-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1286485-3 LCSD recovery, associated with L1940295-13, is above the acceptance criteria for perfluorotridecanoic acid (pftrda) (162%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1285457-5 Laboratory Duplicate RPD for perfluorodecanesulfonic acid (pfds) (34%), performed on

Case Narrative (continued)

L1940295-23, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

WG1284573-1: The continuing calibration standard had the response for M5PFHxA and M8FOSA outside the acceptance criteria for the method. The associated target analytes were within acceptance criteria; therefore, no further action was taken.

WG1285433-2: The continuing calibration standard had the response for PFDoA outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

WG1285433-2: The continuing calibration standard had the response for M8FOSA outside the acceptance criteria for the method. The associated target analytes were within acceptance criteria; therefore, no further action was taken.

WG1286210-1: The continuing calibration standard had the response for 8:2 FTS outside the acceptance criteria for the method. This value represents less than 10% of all compounds; therefore, the calibration was accepted.

WG1286210-3: The continuing calibration standard had the response for Perfluoroctanesulfonic Acid-Branched (br-PFOS) outside of acceptance criteria. The response for Perfluorooctanesulfonic Acid (PFOS) was within acceptance criteria; therefore, no further action was taken.

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: Report Date: 09/23/19

Title: Technical Director/Representative

DATA USABILITY SUMMARY REPORT

For

31ST DRIVE

WATER SAMPLES

SVOA, PESTICIDE, PCB, METALS, CYANIDE & HEX CHROME
SDG No. L1936456

Sampling Date: August 13, 2019

Submitted to:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716

Prepared by:
Environmental Occupational & Public Health Consultants Inc. (EOPHC)
Environmental Data Validation Inc. (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Site: 31ST DRIVE
SDG #: L1936456
Client: Impact Environmental
Date: September 21, 2019
Laboratory: Alpha Analytical
Reviewer: L. Wright

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	SVOCs	SVOC-SIM	Pest/ PCB	Metals/ Mercury	Cyanide/ Hex Chrome
MW-1S	L1936456-01	Aqueous	X	X	X	X	X
MW-1D	L1936456-02	Aqueous	X	X	X	X	X
MW-2S	L1936456-03	Aqueous	X	X	X	X	X
MW-2D	L1936456-04	Aqueous	X	X	X	X	X
MW-3S	L1936456-05	Aqueous	X	X	X	X	X
MW-3D	L1936456-06	Aqueous	X	X	X	X	X
MW-4S	L1936456-07	Aqueous	X	X	X	X	X
MW-4D	L1936456-08	Aqueous	X	X	X	X	X
MW-5S	L1936456-09	Aqueous	X	X	X	X	X
MW-5D	L1936456-10	Aqueous	X	X	X	X	X
MW-6S	L1936456-11	Aqueous	X	X	X	X	X
MW-6D	L1936456-12	Aqueous	X	X	X	X	X
MW-7S	L1936456-13	Aqueous	X	X	X	X	X
MW-7I	L1936456-14	Aqueous	X	X	X	X	X
MW-7D	L1936456-15	Aqueous	X	X	X	X	X
MW-8S	L1936456-16	Aqueous	X	X	X	X	X
MW-8D	L1936456-17	Aqueous	X	X	X	X	X
MW-9S	L1936456-18	Aqueous	X	X	X	X	X
MW-9I	L1936456-19	Aqueous	X	X	X	X	X
MW-9D	L1936456-20	Aqueous	X	X	X	X	X
MW-10S	L1936456-21	Aqueous	X	X	X	X	X
MW-10I	L1936456-22	Aqueous	X	X	X	X	X
MW-10D	L1936456-23	Aqueous	X	X	X	X	X
FIELD BLANK-EQ-	L1936456-24	Aqueous	X	X	X	X	X
FIELD BLANK-EQ-	L1936456-25	Aqueous	X	X	X	X	X
TRIP BLANK	L1936456-26	Aqueous	X	X	X	X	X

*Analyzed at both low & medium Level (equivalence-SW-846 High)

The data packages contained twenty three (23) aqueous samples, two (2) field blank, and one (1) trip blank sample. The samples were analyzed via Method SW-846 8260C, 8260C SIM, 8270D, 8082A, 8081B, 6010D/6020B, 7470A/7471B, 9010C/9012B, and 7196A and USEPA Methods 537 and 537.1. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA

DATA USABILITY SUMMARY REPORT
Organics and Inorganics
USEPA REGION II

Region II standard operating procedures were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability have been discussed in applicable sections. Data that have no impact on data usability are not discussed.

Chain of Custody (COC): All samples were present.

Preservation: Preservation was acceptable.

Holding Time: Holding times were within acceptable criterion for all samples.

Blanks Quality Control: The following samples were qualified based on blank contamination;

SVOA

Sample ID	Compound	Qualifier
L1936456-16 L1936456-17 L1936456-18 L1936456-20 L1936456-23	Bis-2-ethyl hexyl phthalate	U

SVOA-SIM

Sample ID	Compound	Qualifier
L1936456-10 L1936456-14 L1936456-15 L1936456-19 L1936456-20 L1936456-21	Naphthalene	U

Calibration Quality Control: The results were acceptable.

Laboratory Control Sample (LCS): The recoveries are acceptable.

Surrogates: The recoveries were acceptable.

Internal Standards: All results were acceptable.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD): The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
Total Metals		
L1936456-21	Potassium, zinc	J
Dissolved Metals		
L1936456-09	selenium	UJ

Dissolved potassium, iron and zinc results were already qualified by the lab and required no further qualification.

Compound Quantitation: Quantitations were acceptable. Results reported above the method detection limit (MDL) but below the reporting limit (RL) are considered estimated (J). The following were qualified due to deficiency.

Pesticide

Sample Identification	Compound	Qualifier
L1936456-11	4,4'DDD	J

Tentatively Identified Compounds: The following were qualified due to TIC issues.

Sample Identification	Compound	Qualifier
L1936456-01 to L1936456-26	Tetrachloroethylene	R

Additional Comments: Some Form 1s and case narratives are reporting criteria out of QC limits. If data were impacted due to the deficiency, it is discussed in the DUSR and appropriate qualifier(s) applied. Therefore, all discussions in the DUSR relate to all conditions that affected data usability. When there are multiple analyses, the validator presents the best run (Attachment A).

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

FORM 1s

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 12:04
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 12:04
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-01	**Date Collected**	: 08/13/19 09:00
Client ID	: MW-1S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 12:04
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-01	**Date Collected**	: 08/13/19 09:00
Client ID	: MW-1S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 12:04
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 5 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.69	13.5	J
000127-18-4	Tetrachloroethylene	2.85	110	~~NJ~~ R
	Unknown	3.24	13.3	J
	Aldol Condensates	3.52	17.9	J
	Total TIC Compounds		155J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 18:26
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 36456-02	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	25	2.5	U
111-44-4	Bis(2-chloroethyl)ether	ND	10	2.5	U
95-50-1	1,2-Dichlorobenzene	ND	10	2.3	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.0	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.2	U
91-94-1	3,3'-Dichlorobenzidine	ND	25	8.1	U
121-14-2	2,4-Dinitrotoluene	ND	25	5.8	U
606-20-2	2,6-Dinitrotoluene	ND	25	4.6	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	10	2.4	U
101-55-3	4-Bromophenyl phenyl ether	ND	10	1.9	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	10	2.6	U
111-91-1	Bis(2-chloroethoxy)methane	ND	25	2.5	U
77-47-4	Hexachlorocyclopentadiene	ND	100	3.4	U
78-59-1	Isophorone	ND	25	6.0	U
98-95-3	Nitrobenzene	ND	10	3.8	U
86-30-6	NDPA/DPA	ND	10	2.1	U
621-64-7	n-Nitrosodi-n-propylamine	ND	25	3.2	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	15	7.7	U
85-68-7	Butyl benzyl phthalate	ND	25	5.8	U
84-74-2	Di-n-butylphthalate	ND	25	1.9	U
117-84-0	Di-n-octylphthalate	ND	25	6.4	U
84-66-2	Diethyl phthalate	ND	25	1.9	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 18:26
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 36456-02	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	25	9.1	U
92-52-4	Biphenyl	ND	10	2.3	U
106-47-8	4-Chloroaniline	ND	25	5.3	U
88-74-4	2-Nitroaniline	ND	25	2.5	U
99-09-2	3-Nitroaniline	ND	25	4.1	U
100-01-6	4-Nitroaniline	ND	25	4.0	U
132-64-9	Dibenzofuran	ND	10	2.5	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	50	2.2	U
98-86-2	Acetophenone	ND	25	2.6	U
88-06-2	2,4,6-Trichlorophenol	ND	25	3.0	U
59-50-7	p-Chloro-m-cresol	ND	10	1.8	U
95-57-8	2-Chlorophenol	ND	10	2.4	U
120-83-2	2,4-Dichlorophenol	ND	25	2.0	U
105-67-9	2,4-Dimethylphenol	ND	25	8.9	U
88-75-5	2-Nitrophenol	ND	50	4.2	U
100-02-7	4-Nitrophenol	ND	50	3.4	U
51-28-5	2,4-Dinitrophenol	ND	100	33.	U
534-52-1	4,6-Dinitro-o-cresol	ND	50	9.1	U
108-95-2	Phenol	ND	25	2.8	U
95-48-7	2-Methylphenol	ND	25	2.4	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	25	2.4	U
95-95-4	2,4,5-Trichlorophenol	ND	25	3.9	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02D	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 18:26
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 5
Lab File ID	: 36456-02	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	250	13.	U
100-51-6	Benzyl Alcohol	ND	10	2.9	U
86-74-8	Carbazole	ND	10	2.4	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02D	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 18:26
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 5
Lab File ID	: 36456-02	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 6 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.63	51.3	J
000127-18-4	Tetrachloroethylene	2.78	161	~~NJ~~ R
	Unknown	3.17	54.2	J
	Aldol Condensates	3.48	19.4	J
	Unknown	14.38	284	J
	Total TIC Compounds		570J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 13:46
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 13:46
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 13:46
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 13:46
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 5 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkene	2.69	4.51	J
000127-18-4	Tetrachloroethylene	2.85	377	~~NJ~~ R
	Unknown	3.25	3.93	J
	Aldol Condensates	3.53	15	J
	Total TIC Compounds		400J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:11
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:11
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 14:11
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 14:11
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 13 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.17	1.85	J
	Unknown	2.68	48.7	J
000127-18-4	Tetrachloroethylene	2.85	73.8	NJ R
	Unknown	3.24	50.3	J
	Aldol Condensates	3.52	18.7	J
	Unknown	5.35	6.18	J
	Unknown	5.58	5.13	J
	Unknown	7.43	2.44	J
	Unknown Organic Acid	11.60	3.64	J
	Unknown Organic Acid	12.37	3.27	J
	Unknown Organic Acid	16.33	1.56	J
	Unknown	16.72	12.3	J
	Total TIC Compounds		228J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:37
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-05	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:37
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-05	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 14:37
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-05	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 14:37
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-05	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 5 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.69	10.7	J
000127-18-4	Tetrachloroethylene	2.85	1010	~~NJ~~ R
	Unknown Alkene	3.25	10.2	J
	Aldol Condensates	3.52	20.4	J
	Total TIC Compounds		1050J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:03
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	4.0	3.0	1.5	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:03
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:03
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:03
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-06	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.16	3.82	J
	Unknown	2.68	188	J
000127-18-4	Tetrachloroethylene	2.85	121	~~NJ~~ R
	Unknown	3.24	201	J
	Aldol Condensates	3.52	22.6	J
	Unknown Alkene	5.12	6.29	J
	Unknown	5.18	2.91	J
	Unknown	5.35	3.45	J
	Unknown	5.59	2.87	J
	Unknown	5.70	5.67	J
	Unknown	6.13	7.13	J
	Unknown Organic Acid	11.60	4.91	J
	Unknown Organic Acid	12.37	4.98	J
	Unknown	14.43	4.8	J
	Unknown	16.71	3.09	J
	Total TIC Compounds		583J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:28
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-07	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.4	3.0	1.5	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:28
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-07	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 15:28
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-07	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 15:28
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-07	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 6 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.85	1210	~~NJ~~ R
	Aldol Condensates	3.53	18.4	J
	Unknown Alkane	11.65	7.02	J
	Unknown	14.43	5.16	J
	Unknown Sterol	16.42	6.62	J
	Total TIC Compounds		1250J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:54
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.4	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:54
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	6.4	10	0.67	J
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-08	**Date Collected**	: 08/13/19 10:00
Client ID	: MW-4D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 15:54
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-08	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	81.	50	2.6	
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:54
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-08	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.68	82.5	J
000127-18-4	Tetrachloroethylene	2.85	300	~~NJ~~ R
	Unknown	3.24	79	J
	Aldol Condensates	3.52	22.2	J
	Unknown Organic Acid	4.63	9.6	J
	Unknown Alcohol	4.93	71.8	J
	Unknown	6.72	7.67	J
	Unknown	7.11	10.7	J
	Unknown Organic Acid	7.30	10.6	J
	Unknown	9.09	21.8	J
	Unknown Alcohol	9.38	60.2	J
	Unknown	10.21	18.4	J
	Unknown Alcohol	10.69	16.4	J
	Unknown Organic Acid	12.37	15.7	J
	Unknown	16.20	8.4	J
	Total TIC Compounds		735J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:10
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:10
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-09	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 17:10
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-09	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:10
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-09	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 9

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.68	22.2	J
000127-18-4	Tetrachloroethylene	2.85	291	NJ R
	Unknown	3.24	21.8	J
	Aldol Condensates	3.52	24.2	J
	Unknown	5.34	12.6	J
	Unknown	5.58	3.74	J
	Unknown	5.75	6.29	J
	Unknown	7.43	2.8	J
	Total TIC Compounds		385J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:36
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:36
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:36
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 17:36
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-10	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 14

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.68	55.7	J
000127-18-4	Tetrachloroethylene	2.85	412	NJ R
	Unknown	3.24	54.2	J
	Aldol Condensates	3.52	18.6	J
	Unknown	5.35	6.47	J
	Unknown	5.58	4.98	J
	Unknown	10.76	2.11	J
	Unknown Organic Acid	11.60	10.6	J
	Unknown	12.28	3.02	J
	Unknown Organic Acid	12.37	19.6	J
	Unknown	13.92	1.74	J
	Unknown	14.43	1.67	J
	Unknown	14.56	2.18	J
	Total TIC Compounds		593J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:01
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-11	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.9	3.0	1.5	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:01
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-11	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	1.5	5.0	0.48	J
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-11	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 18:01
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-11	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-11	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 18:01
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-11	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.85	611	NJ R
	Unknown Benzene	5.76	58.8	J
	Unknown Benzene	5.79	110	J
	Unknown Benzene	5.86	216	J
	Unknown Benzene	6.15	201	J
	Unknown Nitrile	6.45	258	J
000496-11-7	Indane	6.56	165	NJ
	Unknown Benzene	6.72	20.8	J
	Unknown Benzene	6.78	68	J
	Unknown Benzene	6.85	19.8	J
	Unknown	7.18	208	J
	Unknown	8.64	20.4	J
	Unknown	9.10	300	J
	Unknown Organic Acid	11.60	27.9	J
	Unknown Organic Acid	12.37	25.1	J
	Total TIC Compounds		2310J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:27
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-12	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.4	3.0	1.5	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:27
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-12	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	0.85	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	3.7	5.0	0.48	J
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:27
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-12	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 18:27
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-12	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.87	990	~~NJ~~ R
	Unknown	4.70	108	J
	Unknown Alcohol	4.95	137	J
	Unknown	5.34	33.9	J
	Unknown Benzene	5.76	314	J
	Unknown Benzene	5.80	191	J
	Unknown Benzene	5.87	368	J
	Unknown Benzene	6.16	430	J
	Unknown Benzene	6.43	397	J
000496-11-7	Indane	6.56	248	NJ
	Unknown Benzene	6.69	23.5	J
	Unknown	7.18	54.2	J
	Unknown	7.28	77	J
	Unknown	9.11	367	J
010544-50-0	Cyclic octaatomic sulfur	12.16	54.3	NJ
	Total TIC Compounds		3790J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:52
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-13	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:52
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-13	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	3.8	5.0	0.53	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 18:52
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-13	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 18:52
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-13	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.92	386	NJ R
	Unknown	3.01	14.5	J
	Total TIC Compounds		401J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 17:09
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 36456-14	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	25	2.5	U
111-44-4	Bis(2-chloroethyl)ether	ND	10	2.5	U
95-50-1	1,2-Dichlorobenzene	ND	10	2.3	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.0	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.2	U
91-94-1	3,3'-Dichlorobenzidine	ND	25	8.1	U
121-14-2	2,4-Dinitrotoluene	ND	25	5.8	U
606-20-2	2,6-Dinitrotoluene	ND	25	4.6	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	10	2.4	U
101-55-3	4-Bromophenyl phenyl ether	ND	10	1.9	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	10	2.6	U
111-91-1	Bis(2-chloroethoxy)methane	ND	25	2.5	U
77-47-4	Hexachlorocyclopentadiene	ND	100	3.4	U
78-59-1	Isophorone	ND	25	6.0	U
98-95-3	Nitrobenzene	ND	10	3.8	U
86-30-6	NDPA/DPA	ND	10	2.1	U
621-64-7	n-Nitrosodi-n-propylamine	ND	25	3.2	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	15	7.7	U
85-68-7	Butyl benzyl phthalate	ND	25	5.8	U
84-74-2	Di-n-butylphthalate	ND	25	1.9	U
117-84-0	Di-n-octylphthalate	ND	25	6.4	U
84-66-2	Diethyl phthalate	ND	25	1.9	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14D	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 17:09
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 36456-14	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	25	9.1	U
92-52-4	Biphenyl	ND	10	2.3	U
106-47-8	4-Chloroaniline	ND	25	5.3	U
88-74-4	2-Nitroaniline	ND	25	2.5	U
99-09-2	3-Nitroaniline	ND	25	4.1	U
100-01-6	4-Nitroaniline	ND	25	4.0	U
132-64-9	Dibenzofuran	ND	10	2.5	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	50	2.2	U
98-86-2	Acetophenone	ND	25	2.6	U
88-06-2	2,4,6-Trichlorophenol	ND	25	3.0	U
59-50-7	p-Chloro-m-cresol	ND	10	1.8	U
95-57-8	2-Chlorophenol	ND	10	2.4	U
120-83-2	2,4-Dichlorophenol	ND	25	2.0	U
105-67-9	2,4-Dimethylphenol	ND	25	8.9	U
88-75-5	2-Nitrophenol	ND	50	4.2	U
100-02-7	4-Nitrophenol	ND	50	3.4	U
51-28-5	2,4-Dinitrophenol	ND	100	33.	U
534-52-1	4,6-Dinitro-o-cresol	ND	50	9.1	U
108-95-2	Phenol	ND	25	2.8	U
95-48-7	2-Methylphenol	ND	25	2.4	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	25	2.4	U
95-95-4	2,4,5-Trichlorophenol	ND	25	3.9	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14D	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 17:09
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 5
Lab File ID	: 36456-14	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	250	13.	U
100-51-6	Benzyl Alcohol	ND	10	2.9	U
86-74-8	Carbazole	ND	10	2.4	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14D	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 17:09
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 5
Lab File ID	: 36456-14	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.79	72.7	NJ R
	Total TIC Compounds		72.7J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 19:43
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-15	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	0.51	5.0	0.38	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 19:43
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-15	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 19:43
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-15	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 19:43
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-15	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.87	14.5	NJ R
	Unknown	16.70	35.4	J
	Total TIC Compounds		49.9J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:58
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-16	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	~~2.5~~	3.0	1.5	~~JB~~ U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:58
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-16	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 12:58
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-16	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:58
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-16	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.68	5.05	J
	Aldol Condensates	2.70	6.44	J
000127-18-4	Tetrachloroethylene	2.84	315	NJ R
	Unknown	3.23	6.29	J
	Aldol Condensates	3.49	83.7	J
	Unknown	5.33	7.67	J
	Unknown	5.74	3.24	J
	Unknown	7.42	2.91	J
	Unknown Alkane	7.86	2.87	J
	Unknown Benzene	8.18	2.8	J
	Unknown Alkane	9.04	2.91	J
	Unknown Organic Acid	11.59	3.89	J
	Unknown	12.36	6.07	J
	Unknown Organic Acid	13.18	4.04	J
	Unknown	14.42	4.98	J
	Total TIC Compounds		458J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:24
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-17	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U	
78-59-1	Isophorone	ND	5.0	1.2	U	
98-95-3	Nitrobenzene	ND	2.0	0.77	U	
86-30-6	NDPA/DPA	ND	2.0	0.42	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2.2	3.0	1.5	JB	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U	
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.38	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:24
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-17	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 13:24
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-17	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:24
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-17	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.68	137	J
000127-18-4	Tetrachloroethylene	2.83	33.3	NJ R
	Unknown	3.23	142	J
	Aldol Condensates	3.50	24.1	J
	Unknown	5.12	2.11	J
	Unknown	5.17	1.56	J
	Unknown	5.58	1.71	J
	Unknown	5.70	3.02	J
	Unknown	6.12	1.96	J
	Unknown Organic Acid	11.59	16.6	J
	Unknown Organic Acid	12.36	14.9	J
	Unknown	13.18	2.07	J
	Unknown	14.42	2.94	J
	Unknown Amide	14.55	2.07	J
	Unknown	15.56	1.49	J
	Total TIC Compounds		387J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:49
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-18	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.6	3.0	1.5	J U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:49
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-18	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:49
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-18	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-18	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 13:49
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-18	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.85	963	NJ R
	Aldol Condensates	3.50	14.5	J
	Total TIC Compounds		978J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 14:15
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-19	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 14:15
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-19	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 14:15
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-19	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 14:15
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-19	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.85	399	~~NJ~~ R
	Aldol Condensates	3.49	14.5	J
	Total TIC Compounds		414J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 14:40
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-20	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 14:40
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-20	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 14:40
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-20	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 14:40
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-20	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.85	781	NJ R
	Aldol Condensates	3.50	14.5	J
	Total TIC Compounds		796J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 15:06
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-21	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	4.0	3.0	1.5	B
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 15:06
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-21	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 15:06
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-21	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 15:06
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-21	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000127-18-4	Tetrachloroethylene	2.88	1290	NJ R
	Unknown Benzene	5.85	21.2	J
	Unknown Benzene	6.14	14.5	J
	Total TIC Compounds		1330J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:22
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-22	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	3.0	1.5	B
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:22
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-22	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:22
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-22	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-22	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 16:22
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-22	**Analyst**	: RC
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 7 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.69	19.9	J
000127-18-4	Tetrachloroethylene	2.91	1440	NJ R
	Unknown	3.23	19.7	J
	Aldol Condensates	3.49	14.5	J
	Unknown Organic Acid	11.60	14.5	J
	Unknown Organic Acid	12.36	14.5	J
	Total TIC Compounds		1520J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:47
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-23	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	3.0	1.5	JB U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:47
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-23	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:47
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-23	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 16:47
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-23	Analyst	: RC
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.68	5.6	J
000127-18-4	Tetrachloroethylene	2.83	245	NJ R
	Aldol Condensates	3.50	40.9	J
	Unknown	3.92	10.3	J
	Unknown	6.23	7.38	J
	Unknown	6.43	36.8	J
	Unknown Benzene	6.78	9.53	J
	Unknown	6.85	12.3	J
	Unknown	7.19	194	J
	Unknown Organic Acid	8.72	6.33	J
	Unknown Organic Acid	8.75	9.42	J
	Unknown	9.08	65.3	J
	Unknown Organic Acid	11.59	48.7	J
	Unknown Organic Acid	12.28	7.49	J
	Unknown Organic Acid	12.36	97.1	J
	Total TIC Compounds		796J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 04:01
Sample Matrix	: WATER	Date Extracted	: 08/19/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-24	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 04:01
Sample Matrix	: WATER	Date Extracted	: 08/19/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-24	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 04:01
Sample Matrix	: WATER	**Date Extracted**	: 08/19/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-24	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 04:01
Sample Matrix	: WATER	**Date Extracted**	: 08/19/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-24	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	3.48	5.96	J
	Total TIC Compounds		5.96J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 08:16
Sample Matrix	: WATER	Date Extracted	: 08/20/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-25	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 08:16
Sample Matrix	: WATER	Date Extracted	: 08/20/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 36456-25	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 08:16
Sample Matrix	: WATER	**Date Extracted**	: 08/20/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-25	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	50	2.6	U
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/21/19 08:16
Sample Matrix	: WATER	**Date Extracted**	: 08/20/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 36456-25	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	3.44	38.1	J
	Total TIC Compounds		38.1J	J

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-01	**Date Collected**	: 08/13/19 09:00
Client ID	: MW-1S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 21:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 21:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 21:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 21:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 21:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-06	**Date Collected**	: 08/13/19 09:35
Client ID	: MW-3D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-08	**Date Collected**	: 08/13/19 10:00
Client ID	: MW-4D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-09	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 21:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-10	**Date Collected**	: 08/13/19 10:17
Client ID	: MW-5D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-11	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:13
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:21
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-18	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 22:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1272398-1	**Date Collected**	: NA
Client ID	: WG1272398-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 08/14/19 21:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: MG
Lab File ID	: HG081419BCOPY	**Instrument ID**	: FIMS4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-01	**Date Collected**	: 08/13/19 09:00
Client ID	: MW-1S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 5ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00100	0.00045	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:43
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-06	**Date Collected**	: 08/13/19 09:35
Client ID	: MW-3D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-08	**Date Collected**	: 08/13/19 10:00
Client ID	: MW-4D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-09	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:36
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-10	**Date Collected**	: 08/13/19 10:17
Client ID	: MW-5D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-11	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-18	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 5ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00100	0.00045	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 19:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-22	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-23	**Date Collected**	: 08/13/19 12:34
Client ID	: MW-10D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:29
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 18:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1274090-1	Date Collected	: NA
Client ID	: WG1274090-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/20/19 18:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1274559_082019B.csv	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1274092-1	Date Collected	: NA
Client ID	: WG1274092-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/20/19 18:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: GD
Lab File ID	: WG1274559_082019B.csv	Instrument ID	: CETAC
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 15:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-22	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 16:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-23	**Date Collected**	: 08/13/19 12:34
Client ID	: MW-10D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 16:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 16:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 16:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: GD
Lab File ID	: WG1274559_082019B.csv	**Instrument ID**	: CETAC
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 08/19/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 10:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0135	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00185	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00016	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.06588	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	109.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00095	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00019	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00063	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0692	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	38.4	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.05886	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00167	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	7.59	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00664	0.00500	0.00173	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	52.3	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00051	0.00050	0.00014	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 10:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0118	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00076	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00027	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.08667	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	143.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00259	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00159	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0374	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	60.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.4540	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00278	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	9.26	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	171.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00015	0.00050	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.01882	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 10:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00533	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00080	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.06306	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	95.6	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00097	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	0.00048	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0224	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	26.8	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00715	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00091	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	5.48	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00653	0.00500	0.00173	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	34.8	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00558	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00295	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00020	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.07684	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	91.0	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00143	0.00050	0.00016	
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	0.00056	0.00100	0.00034	J
7439-95-4	Magnesium, Dissolved	41.6	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.1369	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00142	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	7.96	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	134.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00017	0.00050	0.00014	J
7440-62-2	Vanadium, Dissolved	0.00158	0.00500	0.00157	J
7440-66-6	Zinc, Dissolved	0.00687	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0124	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00119	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00016	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.1102	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	112.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00024	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00116	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00071	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0402	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	35.1	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.2060	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00210	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	9.11	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00318	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	78.1	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00404	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:13
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00615	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00085	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00018	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.3045	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00028	0.00020	0.00005	
7440-70-2	Calcium, Dissolved	242.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00702	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00096	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	0.00074	0.00100	0.00034	J
7439-95-4	Magnesium, Dissolved	86.1	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	2.783	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00392	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	14.2	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	181.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.03153	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0323	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00133	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.2157	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00025	0.00020	0.00005	
7440-70-2	Calcium, Dissolved	162.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00019	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.01164	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00080	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0700	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	72.7	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	5.089	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00781	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	10.1	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	228.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:21
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.206	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00183	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00238	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.02148	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00064	0.00020	0.00005	
7440-70-2	Calcium, Dissolved	42.4	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00738	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	0.00210	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.04895	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	0.00127	0.00100	0.00034	
7439-95-4	Magnesium, Dissolved	1.43	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00543	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.01051	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	16.4	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	55.2	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	0.00659	0.00500	0.00157	
7440-66-6	Zinc, Dissolved	0.01216	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 10:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0151	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00367	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.2940	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00019	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	318.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.01488	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00091	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0420	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	111.	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	5.032	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00819	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	13.8	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	288.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00018	0.00050	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00760	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0105	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00075	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.1259	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00006	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	182.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00032	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.03454	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00150	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	81.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	2.264	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00907	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	15.7	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	203.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.01889	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00383	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00112	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00035	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.1206	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00006	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	129.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00039	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00915	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00091	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0515	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	60.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	4.520	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00379	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	14.0	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	214.	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00750	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 11:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0856	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00162	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00077	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.2359	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	177.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00132	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	0.00918	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00675	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.882	0.0500	0.0191	
7439-92-1	Lead, Dissolved	0.00098	0.00100	0.00034	J
7439-95-4	Magnesium, Dissolved	62.0	0.0700	0.0242	
7440-02-0	Nickel, Dissolved	0.01452	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	15.2	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00176	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	92.4	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00500	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 13:01
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1273166.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 08/15/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-96-5	Manganese, Dissolved	11.20	0.05000	0.02200	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0296	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00245	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00045	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.09765	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00007	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	141.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00050	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00173	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00377	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.131	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	52.8	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.3588	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00461	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	9.88	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00255	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	192.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	0.00053	0.00050	0.00014	
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00472	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00083	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.1331	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00015	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	198.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00230	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00045	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0215	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	71.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	1.288	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00371	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	13.5	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	215.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	0.00016	0.00050	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0153	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00140	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00017	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.2042	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00019	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	330.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00020	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00980	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00082	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0413	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	110.	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	3.743	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00899	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	15.8	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	213.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.01742	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0148	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00185	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.1553	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00022	0.00020	0.00005	
7440-70-2	Calcium, Dissolved	186.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00253	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00063	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0553	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	80.9	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	2.033	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00332	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	7.68	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	264.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00794	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00076	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00018	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.3327	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00023	0.00020	0.00005	
7440-70-2	Calcium, Dissolved	393.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00083	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.01982	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00110	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0311	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	104.	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	4.911	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00707	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	15.4	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	272.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.01064	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0111	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00095	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00112	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.05980	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00011	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	123.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00131	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	0.00133	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00728	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0379	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	48.9	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.07027	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00871	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	7.74	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00297	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	145.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00345	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0115	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00106	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00022	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.05178	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	109.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00386	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00067	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0300	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	54.6	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.6745	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00412	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	6.01	0.100	0.0309	
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	137.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00963	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00080	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00026	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.03901	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	121.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00086	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00316	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00124	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	60.9	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.5745	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00236	0.00250	0.00055	J
7440-09-7	Potassium, Dissolved	9.38	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00207	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	141.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00379	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0208	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00201	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00057	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.07642	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	59.8	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00017	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00043	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00186	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0471	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	16.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.3572	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00189	0.00250	0.00055	J
7440-09-7	Potassium, Dissolved	5.13	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00229	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	45.6	0.150	0.0293	
7440-28-0	Thallium, Dissolved	0.00017	0.00050	0.00014	J
7440-62-2	Vanadium, Dissolved	0.00500	0.00500	0.00157	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.0105	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00096	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00043	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.3175	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	0.00015	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	297.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00847	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00074	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0364	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	74.4	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	2.938	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00595	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	7.50	0.100	0.0309	
7782-49-2	Selenium, Dissolved	0.00213	0.00500	0.00173	J
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	144.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00439	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:07
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00505	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00053	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00066	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.1772	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	201.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00786	0.00050	0.00016	
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	0.0474	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	78.9	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	1.548	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00617	0.00250	0.00055	
7440-09-7	Potassium, Dissolved	12.6	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	225.	0.150	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00365	0.01000	0.00341	J

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00499	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00156	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.00021	0.00050	0.00017	J
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	ND	0.100	0.0394	U
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	0.00087	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0343	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	0.00047	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00250	0.00055	U
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	0.137	0.150	0.0293	J
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00823	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00102	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	ND	0.100	0.0394	U
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	0.00056	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00250	0.00055	U
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	0.0885	0.150	0.0293	J
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1272178-1	Date Collected	: NA
Client ID	: WG1272178-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/16/19 10:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00356	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00203	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	ND	0.100	0.0394	U
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	0.0192	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	ND	0.00100	0.00044	U
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	0.0853	0.100	0.0293	J
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1272182-1	Date Collected	: NA
Client ID	: WG1272182-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/16/19 10:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273166.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Dissolved	0.00663	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	0.00213	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.00017	0.00050	0.00017	J
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	0.0555	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	0.00097	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	0.00243	0.00250	0.00055	J
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	0.135	0.150	0.0293	J
7440-28-0	Thallium, Dissolved	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	0.00400	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.502	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00047	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00042	0.00050	0.00016	J
7440-39-3	Barium, Total	0.07191	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00006	0.00020	0.00005	J
7440-70-2	Calcium, Total	95.1	0.100	0.0394	
7440-47-3	Chromium, Total	0.00217	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00246	0.00050	0.00016	
7440-50-8	Copper, Total	0.00847	0.00100	0.00038	
7439-89-6	Iron, Total	2.12	0.0500	0.0191	
7439-92-1	Lead, Total	0.00190	0.00100	0.00034	
7439-95-4	Magnesium, Total	34.6	0.0700	0.0242	
7439-96-5	Manganese, Total	0.08769	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00470	0.00200	0.00055	
7440-09-7	Potassium, Total	6.22	0.100	0.0309	
7782-49-2	Selenium, Total	0.00657	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	41.5	0.100	0.0293	
7440-28-0	Thallium, Total	0.00051	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.00276	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.00951	0.01000	0.00341	J

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.215	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00029	0.00050	0.00016	J
7440-39-3	Barium, Total	0.08335	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00016	0.00020	0.00005	J
7440-70-2	Calcium, Total	122.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00207	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00262	0.00050	0.00016	
7440-50-8	Copper, Total	0.00382	0.00100	0.00038	
7439-89-6	Iron, Total	0.648	0.0500	0.0191	
7439-92-1	Lead, Total	0.00298	0.00100	0.00034	
7439-95-4	Magnesium, Total	54.4	0.0700	0.0242	
7439-96-5	Manganese, Total	0.4181	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00332	0.00200	0.00055	
7440-09-7	Potassium, Total	7.46	0.100	0.0309	
7782-49-2	Selenium, Total	0.00214	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	168.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00017	0.00050	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.02390	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	23.9	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00764	0.00050	0.00016	
7440-39-3	Barium, Total	0.8336	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00224	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00159	0.00020	0.00005	
7440-70-2	Calcium, Total	120.	0.100	0.0394	
7440-47-3	Chromium, Total	0.06353	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1239	0.00050	0.00016	
7440-50-8	Copper, Total	0.1416	0.00100	0.00038	
7439-89-6	Iron, Total	46.2	0.0500	0.0191	
7439-92-1	Lead, Total	0.06796	0.00100	0.00034	
7439-95-4	Magnesium, Total	44.6	0.0700	0.0242	
7439-96-5	Manganese, Total	6.195	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1600	0.00200	0.00055	
7440-09-7	Potassium, Total	10.9	0.100	0.0309	
7782-49-2	Selenium, Total	0.0160	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	34.6	0.100	0.0293	
7440-28-0	Thallium, Total	0.00049	0.00050	0.00014	J
7440-62-2	Vanadium, Total	0.07086	0.00500	0.00157	
7440-66-6	Zinc, Total	0.2652	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0756	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00045	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00019	0.00050	0.00016	J
7440-39-3	Barium, Total	0.07149	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	81.4	0.100	0.0394	
7440-47-3	Chromium, Total	0.00085	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00161	0.00050	0.00016	
7440-50-8	Copper, Total	0.00102	0.00100	0.00038	
7439-89-6	Iron, Total	0.302	0.0500	0.0191	
7439-92-1	Lead, Total	0.00431	0.00100	0.00034	
7439-95-4	Magnesium, Total	37.8	0.0700	0.0242	
7439-96-5	Manganese, Total	0.1298	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00176	0.00200	0.00055	J
7440-09-7	Potassium, Total	6.58	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	136.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00180	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.01129	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	17.1	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00067	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00306	0.00050	0.00016	
7440-39-3	Barium, Total	0.4235	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00097	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00030	0.00020	0.00005	
7440-70-2	Calcium, Total	139.	0.100	0.0394	
7440-47-3	Chromium, Total	0.06683	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.04628	0.00050	0.00016	
7440-50-8	Copper, Total	0.1006	0.00100	0.00038	
7439-89-6	Iron, Total	44.0	0.0500	0.0191	
7439-92-1	Lead, Total	0.03376	0.00100	0.00034	
7439-95-4	Magnesium, Total	58.0	0.0700	0.0242	
7439-96-5	Manganese, Total	1.141	0.00100	0.00044	
7440-02-0	Nickel, Total	0.06639	0.00200	0.00055	
7440-09-7	Potassium, Total	15.6	0.100	0.0309	
7782-49-2	Selenium, Total	0.00560	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	89.8	0.100	0.0293	
7440-28-0	Thallium, Total	0.00100	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.06042	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1849	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.324	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00048	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00024	0.00050	0.00016	J
7440-39-3	Barium, Total	0.2839	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00063	0.00020	0.00005	
7440-70-2	Calcium, Total	220.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00234	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00712	0.00050	0.00016	
7440-50-8	Copper, Total	0.00387	0.00100	0.00038	
7439-89-6	Iron, Total	0.973	0.0500	0.0191	
7439-92-1	Lead, Total	0.01485	0.00100	0.00034	
7439-95-4	Magnesium, Total	83.1	0.0700	0.0242	
7439-96-5	Manganese, Total	2.569	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00427	0.00200	0.00055	
7440-09-7	Potassium, Total	12.1	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	190.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00207	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.05713	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	83.7	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.01559	0.00050	0.00016	
7440-39-3	Barium, Total	2.588	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00720	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00536	0.00020	0.00005	
7440-70-2	Calcium, Total	402.	0.100	0.0394	
7440-47-3	Chromium, Total	0.3785	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.5901	0.00050	0.00016	
7440-50-8	Copper, Total	0.5953	0.00100	0.00038	
7439-89-6	Iron, Total	264.	0.0500	0.0191	
7439-92-1	Lead, Total	0.2885	0.00100	0.00034	
7439-95-4	Magnesium, Total	232.	0.0700	0.0242	
7440-02-0	Nickel, Total	0.5441	0.00200	0.00055	
7440-09-7	Potassium, Total	32.6	0.100	0.0309	
7782-49-2	Selenium, Total	0.0261	0.00500	0.00173	
7440-22-4	Silver, Total	0.00110	0.00040	0.00016	
7440-23-5	Sodium, Total	213.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00257	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1931	0.00500	0.00157	
7440-66-6	Zinc, Total	0.9614	0.01000	0.00341	

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Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 17:22
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1273168.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 08/15/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-96-5	Manganese, Total	21.67	0.05000	0.02200	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.392	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00094	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00245	0.00050	0.00016	
7440-39-3	Barium, Total	0.02220	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00069	0.00020	0.00005	
7440-70-2	Calcium, Total	38.6	0.100	0.0394	
7440-47-3	Chromium, Total	0.00762	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00235	0.00050	0.00016	
7440-50-8	Copper, Total	0.04693	0.00100	0.00038	
7439-89-6	Iron, Total	0.776	0.0500	0.0191	
7439-92-1	Lead, Total	0.00833	0.00100	0.00034	
7439-95-4	Magnesium, Total	1.51	0.0700	0.0242	
7439-96-5	Manganese, Total	0.01695	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01010	0.00200	0.00055	
7440-09-7	Potassium, Total	13.3	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	53.5	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00654	0.00500	0.00157	
7440-66-6	Zinc, Total	0.05136	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	14.0	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00303	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00333	0.00050	0.00016	
7440-39-3	Barium, Total	0.5893	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00076	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00054	0.00020	0.00005	
7440-70-2	Calcium, Total	307.	0.100	0.0394	
7440-47-3	Chromium, Total	0.05507	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.05122	0.00050	0.00016	
7440-50-8	Copper, Total	0.1565	0.00100	0.00038	
7439-89-6	Iron, Total	44.1	0.0500	0.0191	
7439-92-1	Lead, Total	0.07388	0.00100	0.00034	
7439-95-4	Magnesium, Total	122.	0.0700	0.0242	
7439-96-5	Manganese, Total	5.626	0.00100	0.00044	
7440-02-0	Nickel, Total	0.07198	0.00200	0.00055	
7440-09-7	Potassium, Total	18.2	0.100	0.0309	
7782-49-2	Selenium, Total	0.00419	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	294.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00080	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.06026	0.00500	0.00157	
7440-66-6	Zinc, Total	0.2021	0.01000	0.00341	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.670	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00037	0.00050	0.00016	J
7440-39-3	Barium, Total	0.1406	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00014	0.00020	0.00005	J
7440-70-2	Calcium, Total	178.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00532	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.02977	0.00050	0.00016	
7440-50-8	Copper, Total	0.00827	0.00100	0.00038	
7439-89-6	Iron, Total	2.47	0.0500	0.0191	
7439-92-1	Lead, Total	0.00859	0.00100	0.00034	
7439-95-4	Magnesium, Total	82.6	0.0700	0.0242	
7439-96-5	Manganese, Total	2.228	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01002	0.00200	0.00055	
7440-09-7	Potassium, Total	13.9	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	214.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00327	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.05746	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.114	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00083	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00105	0.00050	0.00016	
7440-39-3	Barium, Total	0.1166	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00038	0.00020	0.00005	
7440-70-2	Calcium, Total	126.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00266	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.01225	0.00050	0.00016	
7440-50-8	Copper, Total	0.03872	0.00100	0.00038	
7439-89-6	Iron, Total	2.89	0.0500	0.0191	
7439-92-1	Lead, Total	0.00944	0.00100	0.00034	
7439-95-4	Magnesium, Total	58.8	0.0700	0.0242	
7439-96-5	Manganese, Total	5.464	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00523	0.00200	0.00055	
7440-09-7	Potassium, Total	12.0	0.100	0.0309	
7782-49-2	Selenium, Total	0.00205	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	214.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00886	0.00500	0.00157	
7440-66-6	Zinc, Total	0.03261	0.01000	0.00341	

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Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 18:23
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1273168.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 08/15/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-96-5	Manganese, Total	13.44	0.05000	0.02200	

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Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	14.3	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00562	0.00050	0.00016	
7440-39-3	Barium, Total	0.6190	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00099	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00125	0.00020	0.00005	
7440-70-2	Calcium, Total	153.	0.100	0.0394	
7440-47-3	Chromium, Total	0.07505	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.02535	0.00050	0.00016	
7440-50-8	Copper, Total	0.2246	0.00100	0.00038	
7439-89-6	Iron, Total	61.6	0.0500	0.0191	
7439-92-1	Lead, Total	0.04140	0.00100	0.00034	
7439-95-4	Magnesium, Total	59.9	0.0700	0.0242	
7440-02-0	Nickel, Total	0.04778	0.00200	0.00055	
7440-09-7	Potassium, Total	14.2	0.100	0.0309	
7782-49-2	Selenium, Total	0.00639	0.00500	0.00173	
7440-22-4	Silver, Total	0.00030	0.00040	0.00016	J
7440-23-5	Sodium, Total	88.8	0.100	0.0293	
7440-28-0	Thallium, Total	0.00054	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.07898	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1345	0.01000	0.00341	

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	31.6	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00056	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00720	0.00050	0.00016	
7440-39-3	Barium, Total	0.8834	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00184	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00186	0.00020	0.00005	
7440-70-2	Calcium, Total	177.	0.100	0.0394	
7440-47-3	Chromium, Total	0.1362	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1186	0.00050	0.00016	
7440-50-8	Copper, Total	0.3579	0.00100	0.00038	
7439-89-6	Iron, Total	98.6	0.0500	0.0191	
7439-92-1	Lead, Total	0.2500	0.00100	0.00034	
7439-95-4	Magnesium, Total	89.9	0.0700	0.0242	
7439-96-5	Manganese, Total	4.341	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1798	0.00200	0.00055	
7440-09-7	Potassium, Total	21.2	0.100	0.0309	
7782-49-2	Selenium, Total	0.00936	0.00500	0.00173	
7440-22-4	Silver, Total	0.00031	0.00040	0.00016	J
7440-23-5	Sodium, Total	182.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00143	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1389	0.00500	0.00157	
7440-66-6	Zinc, Total	0.6188	0.01000	0.00341	

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.291	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00037	0.00050	0.00016	J
7440-39-3	Barium, Total	0.1263	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00022	0.00020	0.00005	
7440-70-2	Calcium, Total	180.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00231	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00261	0.00050	0.00016	
7440-50-8	Copper, Total	0.00245	0.00100	0.00038	
7439-89-6	Iron, Total	0.812	0.0500	0.0191	
7439-92-1	Lead, Total	0.01401	0.00100	0.00034	
7439-95-4	Magnesium, Total	67.2	0.0700	0.0242	
7439-96-5	Manganese, Total	1.246	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00386	0.00200	0.00055	
7440-09-7	Potassium, Total	11.0	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	218.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00198	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.03746	0.01000	0.00341	

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	2.47	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00420	0.00400	0.00042	
7440-38-2	Arsenic, Total	0.00097	0.00050	0.00016	
7440-39-3	Barium, Total	0.2247	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00011	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00024	0.00020	0.00005	
7440-70-2	Calcium, Total	300.	0.100	0.0394	
7440-47-3	Chromium, Total	0.01387	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.01299	0.00050	0.00016	
7440-50-8	Copper, Total	0.01971	0.00100	0.00038	
7439-89-6	Iron, Total	6.30	0.0500	0.0191	
7439-92-1	Lead, Total	0.01142	0.00100	0.00034	
7439-95-4	Magnesium, Total	108.	0.0700	0.0242	
7439-96-5	Manganese, Total	3.570	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01934	0.00200	0.00055	
7440-09-7	Potassium, Total	14.2	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	219.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00025	0.00050	0.00014	J
7440-62-2	Vanadium, Total	0.01106	0.00500	0.00157	
7440-66-6	Zinc, Total	0.06212	0.01000	0.00341	

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:16
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	71.8	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00100	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01259	0.00050	0.00016	
7440-39-3	Barium, Total	1.707	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00437	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00236	0.00020	0.00005	
7440-70-2	Calcium, Total	205.	0.100	0.0394	
7440-47-3	Chromium, Total	0.3143	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1864	0.00050	0.00016	
7440-50-8	Copper, Total	0.2326	0.00100	0.00038	
7439-89-6	Iron, Total	164.	0.0500	0.0191	
7439-92-1	Lead, Total	0.1078	0.00100	0.00034	
7439-95-4	Magnesium, Total	144.	0.0700	0.0242	
7440-02-0	Nickel, Total	0.2323	0.00200	0.00055	
7440-09-7	Potassium, Total	25.8	0.100	0.0309	
7782-49-2	Selenium, Total	0.0242	0.00500	0.00173	
7440-22-4	Silver, Total	0.00025	0.00040	0.00016	J
7440-23-5	Sodium, Total	260.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00171	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.2119	0.00500	0.00157	
7440-66-6	Zinc, Total	0.5750	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 18:28
Sample Matrix	: WATER	**Dilution Factor**	: 50
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1273168.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 08/15/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-96-5	Manganese, Total	11.90	0.05000	0.02200	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:21
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.643	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00076	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00065	0.00050	0.00016	
7440-39-3	Barium, Total	0.3015	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00038	0.00020	0.00005	
7440-70-2	Calcium, Total	353.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00450	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.01917	0.00050	0.00016	
7440-50-8	Copper, Total	0.00775	0.00100	0.00038	
7439-89-6	Iron, Total	2.10	0.0500	0.0191	
7439-92-1	Lead, Total	0.01358	0.00100	0.00034	
7439-95-4	Magnesium, Total	95.4	0.0700	0.0242	
7439-96-5	Manganese, Total	4.395	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00902	0.00200	0.00055	
7440-09-7	Potassium, Total	12.8	0.100	0.0309	
7782-49-2	Selenium, Total	0.00222	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	275.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00303	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.04804	0.01000	0.00341	

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METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	58.0	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00054	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01372	0.00050	0.00016	
7440-39-3	Barium, Total	1.298	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00469	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00196	0.00020	0.00005	
7440-70-2	Calcium, Total	159.	0.100	0.0394	
7440-47-3	Chromium, Total	0.2384	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1726	0.00050	0.00016	
7440-50-8	Copper, Total	0.2306	0.00100	0.00038	
7439-89-6	Iron, Total	132.	0.0500	0.0191	
7439-92-1	Lead, Total	0.1309	0.00100	0.00034	
7439-95-4	Magnesium, Total	92.8	0.0700	0.0242	
7439-96-5	Manganese, Total	9.644	0.00100	0.00044	
7440-02-0	Nickel, Total	0.1928	0.00200	0.00055	
7440-09-7	Potassium, Total	21.4	0.100	0.0309	
7782-49-2	Selenium, Total	0.0247	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	140.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00151	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.1977	0.00500	0.00157	
7440-66-6	Zinc, Total	0.4922	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.352	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00030	0.00050	0.00016	J
7440-39-3	Barium, Total	0.04953	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	90.7	0.100	0.0394	
7440-47-3	Chromium, Total	0.00163	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00476	0.00050	0.00016	
7440-50-8	Copper, Total	0.00237	0.00100	0.00038	
7439-89-6	Iron, Total	1.08	0.0500	0.0191	
7439-92-1	Lead, Total	0.00060	0.00100	0.00034	J
7439-95-4	Magnesium, Total	48.7	0.0700	0.0242	
7439-96-5	Manganese, Total	0.5958	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00474	0.00200	0.00055	
7440-09-7	Potassium, Total	4.69	0.100	0.0309	
7782-49-2	Selenium, Total	0.00743	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	132.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00166	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.00659	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 14:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	2.54	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00045	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00107	0.00050	0.00016	
7440-39-3	Barium, Total	0.08202	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00012	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00009	0.00020	0.00005	J
7440-70-2	Calcium, Total	110.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00892	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00714	0.00050	0.00016	
7440-50-8	Copper, Total	0.01342	0.00100	0.00038	
7439-89-6	Iron, Total	5.89	0.0500	0.0191	
7439-92-1	Lead, Total	0.00385	0.00100	0.00034	
7439-95-4	Magnesium, Total	58.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6377	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01001	0.00200	0.00055	
7440-09-7	Potassium, Total	8.19	0.100	0.0309	
7782-49-2	Selenium, Total	0.00290	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	136.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00936	0.00500	0.00157	
7440-66-6	Zinc, Total	0.02643	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: WG1272957-1	Date Collected	: NA
Client ID	: WG1272957-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/16/19 11:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273168.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/15/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	0.00058	0.00400	0.00042	J
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00054	0.00100	0.00038	J
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00016	0.00050	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 11:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1273942.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 08/15/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7782-49-2	Selenium, Dissolved	0.00722	0.00500	0.00173	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 18:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273942.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	27.9	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00269	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01090	0.00050	0.00016	
7440-39-3	Barium, Total	1.215	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00412	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00684	0.00020	0.00005	
7440-70-2	Calcium, Total	219.	0.150	0.0394	
7440-47-3	Chromium, Total	0.09266	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.1903	0.00050	0.00016	
7440-50-8	Copper, Total	1.316	0.00100	0.00038	
7439-89-6	Iron, Total	61.3	0.0500	0.0191	
7439-92-1	Lead, Total	0.1846	0.00100	0.00034	
7439-95-4	Magnesium, Total	70.4	0.0700	0.0242	
7439-96-5	Manganese, Total	8.376	0.00100	0.00044	
7440-02-0	Nickel, Total	0.2092	0.00200	0.00055	
7440-09-7	Potassium, Total	13.6	0.100	0.0309	J
7782-49-2	Selenium, Total	0.0214	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	43.2	0.150	0.0293	
7440-28-0	Thallium, Total	0.00096	0.00050	0.00014	
7440-62-2	Vanadium, Total	0.2087	0.00500	0.00157	
7440-66-6	Zinc, Total	0.6074	0.01000	0.00341	J

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 19:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273942.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	10.2	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00522	0.00050	0.00016	
7440-39-3	Barium, Total	0.6098	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00112	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00144	0.00020	0.00005	
7440-70-2	Calcium, Total	276.	0.150	0.0394	
7440-47-3	Chromium, Total	0.04659	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.07730	0.00050	0.00016	
7440-50-8	Copper, Total	0.2160	0.00100	0.00038	
7439-89-6	Iron, Total	35.7	0.0500	0.0191	
7439-92-1	Lead, Total	0.06558	0.00100	0.00034	
7439-95-4	Magnesium, Total	75.4	0.0700	0.0242	
7439-96-5	Manganese, Total	4.921	0.00100	0.00044	
7440-02-0	Nickel, Total	0.07694	0.00200	0.00055	
7440-09-7	Potassium, Total	8.08	0.100	0.0309	
7782-49-2	Selenium, Total	0.00952	0.00500	0.00173	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	146.	0.150	0.0293	
7440-28-0	Thallium, Total	0.00045	0.00050	0.00014	J
7440-62-2	Vanadium, Total	0.07802	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1308	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 20:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273942.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.440	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00133	0.00050	0.00016	
7440-39-3	Barium, Total	0.1714	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00007	0.00020	0.00005	J
7440-70-2	Calcium, Total	168.	0.150	0.0394	
7440-47-3	Chromium, Total	0.00290	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00848	0.00050	0.00016	
7440-50-8	Copper, Total	0.01322	0.00100	0.00038	
7439-89-6	Iron, Total	5.70	0.0500	0.0191	
7439-92-1	Lead, Total	0.00307	0.00100	0.00034	
7439-95-4	Magnesium, Total	69.7	0.0700	0.0242	
7439-96-5	Manganese, Total	1.352	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00754	0.00200	0.00055	
7440-09-7	Potassium, Total	10.2	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	210.	0.150	0.0293	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	0.00297	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.01743	0.01000	0.00341	

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 19:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273942.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00084	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.150	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.150	0.0293	U
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 19:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: AM
Lab File ID	: WG1273942.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/19/19

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00072	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.126	0.150	0.0394	J
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.150	0.0293	U
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:43
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-06	**Date Collected**	: 08/13/19 09:35
Client ID	: MW-3D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:44
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:44
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-08	**Date Collected**	: 08/13/19 10:00
Client ID	: MW-4D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:44
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.004	0.010	0.003	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-09	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:44
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-10	**Date Collected**	: 08/13/19 10:17
Client ID	: MW-5D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272120.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-11	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-18	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 07:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272123.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	0.003	0.010	0.003	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 06:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272111.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-22	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 06:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272111.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-23	**Date Collected**	: 08/13/19 12:34
Client ID	: MW-10D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 06:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272111.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 06:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272111.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 06:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7196A	**Analyst**	: MAC
Lab File ID	: WG1272111.csv	**Instrument ID**	: GENSYS10VI
Sample Amount	: 50	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
18540-29-9	Chromium, Hexavalent	ND	0.010	0.003	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-01	**Date Collected**	: 08/13/19 09:00
Client ID	: MW-1S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-06	**Date Collected**	: 08/13/19 09:35
Client ID	: MW-3D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-08	**Date Collected**	: 08/13/19 10:00
Client ID	: MW-4D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 12:59
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-09	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.001	0.005	0.001	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-10	**Date Collected**	: 08/13/19 10:17
Client ID	: MW-5D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-11	**Date Collected**	: 08/13/19 10:40
Client ID	: MW-6S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.003	0.005	0.001	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:13
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:14
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.002	0.005	0.001	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-18	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.008	0.005	0.001	

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.004	0.005	0.001	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 13:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 15:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_02-47-06PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.005	0.005	0.001	

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-22	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 15:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_02-47-06PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.002	0.005	0.001	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-23	**Date Collected**	: 08/13/19 12:34
Client ID	: MW-10D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 15:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_02-47-06PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	0.001	0.005	0.001	J

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 15:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_02-47-06PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/14/19 15:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_02-47-06PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: WG1272188-1	**Date Collected**	: NA
Client ID	: WG1272188-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 08/14/19 12:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_8-14-2019_12-39-41PM	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 08/14/19

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 12:59
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.08	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.04	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.02	0.10	0.01	J
208-96-8	Acenaphthylene	0.06	0.10	0.01	J
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.12	0.10	0.01	
85-01-8	Phenanthrene	0.25	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.05	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.60	0.10	0.02	
87-86-5	Pentachlorophenol	0.11	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02D	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 09:26
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 4
Lab File ID	: 36456-02	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.32	0.40	0.06	J
91-58-7	2-Chloronaphthalene	ND	0.80	0.07	U
206-44-0	Fluoranthene	ND	0.40	0.08	U
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	U
91-20-3	Naphthalene	0.24	0.40	0.20	J
56-55-3	Benzo(a)anthracene	ND	0.40	0.08	U
50-32-8	Benzo(a)pyrene	ND	0.40	0.06	U
205-99-2	Benzo(b)fluoranthene	ND	0.40	0.05	U
207-08-9	Benzo(k)fluoranthene	ND	0.40	0.04	U
218-01-9	Chrysene	ND	0.40	0.05	U
208-96-8	Acenaphthylene	0.12	0.40	0.05	J
120-12-7	Anthracene	0.07	0.40	0.06	J
191-24-2	Benzo(ghi)perylene	ND	0.40	0.05	U
86-73-7	Fluorene	0.56	0.40	0.06	
85-01-8	Phenanthrene	1.1	0.40	0.09	
53-70-3	Dibenzo(a,h)anthracene	ND	0.40	0.05	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.40	0.05	U
129-00-0	Pyrene	0.14	0.40	0.08	J
91-57-6	2-Methylnaphthalene	3.8	0.40	0.09	
87-86-5	Pentachlorophenol	ND	3.2	0.06	U
118-74-1	Hexachlorobenzene	ND	3.2	0.04	U
67-72-1	Hexachloroethane	ND	3.2	0.25	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 13:33
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-03	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.03	0.10	0.01	J
85-01-8	Phenanthrene	0.06	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.10	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 13:49
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-04	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.03	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.02	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.06	0.10	0.01	J
85-01-8	Phenanthrene	0.11	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.03	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.24	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:06
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-05	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	0.02	0.10	0.01	J
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.04	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:22
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-06	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.11	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.07	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.06	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.13	0.10	0.01	
207-08-9	Benzo(k)fluoranthene	0.04	0.10	0.01	J
218-01-9	Chrysene	0.09	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	0.07	0.10	0.01	J
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.11	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.07	0.10	0.01	J
129-00-0	Pyrene	0.12	0.10	0.02	
91-57-6	2-Methylnaphthalene	0.07	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:39
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-07	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.05	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.03	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.95	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.02	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	0.02	0.10	0.01	J
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.05	0.10	0.01	J
85-01-8	Phenanthrene	0.11	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.02	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.20	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 14:56
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-08	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.13	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.15	0.10	0.02	
87-86-5	Pentachlorophenol	0.60	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:12
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-09	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.02	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.02	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.02	0.10	0.02	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:29
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-10	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter		ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene		ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U
206-44-0	Fluoranthene		0.05	0.10	0.02	J
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U
91-20-3	Naphthalene	U	0.08	0.10	0.05	~~J~~
56-55-3	Benzo(a)anthracene		0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene		ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene		ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene		ND	0.10	0.01	U
218-01-9	Chrysene		0.02	0.10	0.01	J
208-96-8	Acenaphthylene		0.03	0.10	0.01	J
120-12-7	Anthracene		0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene		ND	0.10	0.01	U
86-73-7	Fluorene		ND	0.10	0.01	U
85-01-8	Phenanthrene		0.19	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene		ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene		ND	0.10	0.01	U
129-00-0	Pyrene		0.06	0.10	0.02	J
91-57-6	2-Methylnaphthalene		0.34	0.10	0.02	
87-86-5	Pentachlorophenol		ND	0.80	0.01	U
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U
67-72-1	Hexachloroethane		ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 15:45
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-11	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.10	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	2.2	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.05	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.32	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	1.1	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 16:02
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-12	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	6.8	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.19	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.96	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 16:19
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-13	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.08	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.72	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.03	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.04	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.02	0.10	0.01	J
85-01-8	Phenanthrene	0.09	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.06	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.06	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 16:35
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-14	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

			ug/L			
CAS NO.	Parameter		Results	RL	MDL	Qualifier
83-32-9	Acenaphthene		ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U
206-44-0	Fluoranthene		0.03	0.10	0.02	J
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U
91-20-3	Naphthalene	U	0.06	0.10	0.05	J
56-55-3	Benzo(a)anthracene		0.02	0.10	0.02	J
50-32-8	Benzo(a)pyrene		ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene		ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene		ND	0.10	0.01	U
218-01-9	Chrysene		ND	0.10	0.01	U
208-96-8	Acenaphthylene		ND	0.10	0.01	U
120-12-7	Anthracene		0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene		ND	0.10	0.01	U
86-73-7	Fluorene		ND	0.10	0.01	U
85-01-8	Phenanthrene		0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene		ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene		ND	0.10	0.01	U
129-00-0	Pyrene		0.04	0.10	0.02	J
91-57-6	2-Methylnaphthalene		ND	0.10	0.02	U
87-86-5	Pentachlorophenol		ND	0.80	0.01	U
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U
67-72-1	Hexachloroethane		0.15	0.80	0.06	J

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 16:52
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-15	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

			ug/L			
CAS NO.	Parameter		Results	RL	MDL	Qualifier
83-32-9	Acenaphthene		ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U
206-44-0	Fluoranthene		0.04	0.10	0.02	J
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U
91-20-3	Naphthalene	U	0.13	0.10	0.05	
56-55-3	Benzo(a)anthracene		0.02	0.10	0.02	J
50-32-8	Benzo(a)pyrene		ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene		ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene		ND	0.10	0.01	U
218-01-9	Chrysene		0.01	0.10	0.01	J
208-96-8	Acenaphthylene		ND	0.10	0.01	U
120-12-7	Anthracene		ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene		ND	0.10	0.01	U
86-73-7	Fluorene		ND	0.10	0.01	U
85-01-8	Phenanthrene		0.06	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene		ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene		ND	0.10	0.01	U
129-00-0	Pyrene		0.03	0.10	0.02	J
91-57-6	2-Methylnaphthalene		ND	0.10	0.02	U
87-86-5	Pentachlorophenol		ND	0.80	0.01	U
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U
67-72-1	Hexachloroethane		ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:14
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-16	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:30
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-17	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.04	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.03	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.10	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.04	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.06	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:47
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-18	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.14	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.09	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.06	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.13	0.10	0.01	
207-08-9	Benzo(k)fluoranthene	0.04	0.10	0.01	J
218-01-9	Chrysene	0.08	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	0.07	0.10	0.01	J
86-73-7	Fluorene	0.05	0.10	0.01	J
85-01-8	Phenanthrene	0.09	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.07	0.10	0.01	J
129-00-0	Pyrene	0.20	0.10	0.02	
91-57-6	2-Methylnaphthalene	0.08	0.10	0.02	J
87-86-5	Pentachlorophenol	0.58	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:03
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-19	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter		ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene		0.04	0.10	0.01	J
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U
206-44-0	Fluoranthene		ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U
91-20-3	Naphthalene	U	0.07	0.10	0.05	~~J~~
56-55-3	Benzo(a)anthracene		ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene		ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene		ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene		ND	0.10	0.01	U
218-01-9	Chrysene		ND	0.10	0.01	U
208-96-8	Acenaphthylene		ND	0.10	0.01	U
120-12-7	Anthracene		ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene		ND	0.10	0.01	U
86-73-7	Fluorene		0.07	0.10	0.01	J
85-01-8	Phenanthrene		0.15	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene		ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene		ND	0.10	0.01	U
129-00-0	Pyrene		ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene		0.34	0.10	0.02	
87-86-5	Pentachlorophenol		ND	0.80	0.01	U
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U
67-72-1	Hexachloroethane		ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:36
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-20	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.02	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.11	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.02	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.05	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:26
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-21	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.11	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.14	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.06	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.04	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.07	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.02	0.10	0.01	J
218-01-9	Chrysene	0.07	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.04	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.06	0.10	0.01	J
85-01-8	Phenanthrene	0.20	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.12	0.10	0.02	
91-57-6	2-Methylnaphthalene	0.06	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:53
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-22	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.23	0.10	0.01	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.07	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.55	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.04	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.02	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.05	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.02	0.10	0.01	J
218-01-9	Chrysene	0.04	0.10	0.01	J
208-96-8	Acenaphthylene	0.07	0.10	0.01	J
120-12-7	Anthracene	0.06	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.33	0.10	0.01	
85-01-8	Phenanthrene	0.77	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.13	0.10	0.02	
91-57-6	2-Methylnaphthalene	2.0	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:10
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-23	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.04	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.18	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.08	0.10	0.01	J
85-01-8	Phenanthrene	0.18	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.03	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.19	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/21/19 15:30
Sample Matrix	: WATER	Date Extracted	: 08/19/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-24	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 18:23
Sample Matrix	: WATER	Date Extracted	: 08/20/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 36456-25	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.17	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Pesticide Sample Data

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:22
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-08	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-01	**Date Collected**	: 08/13/19 09:00
Client ID	: MW-1S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 11:22
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-08	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:33
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-09	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-02	**Date Collected**	: 08/13/19 09:03
Client ID	: MW-1D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 11:33
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-09	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
50-29-3	4,4'-DDT	ND	0.029	0.003	UIP

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 03:36
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190818a-38	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-03	**Date Collected**	: 08/13/19 09:15
Client ID	: MW-2S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 03:36
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190818a-38	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:45
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-10	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-04	**Date Collected**	: 08/13/19 09:17
Client ID	: MW-2D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 11:45
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-10	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 11:57
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-11	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-05	**Date Collected**	: 08/13/19 09:30
Client ID	: MW-3S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 11:57
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-11	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
50-29-3	4,4'-DDT	ND	0.029	0.003	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:08
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-12	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-06	**Date Collected**	: 08/13/19 09:35
Client ID	: MW-3D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 12:08
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-12	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72-55-9	4,4'-DDE	0.004	0.029	0.003	J
50-29-3	4,4'-DDT	0.007	0.029	0.003	J

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:20
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-13	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-07	**Date Collected**	: 08/13/19 09:55
Client ID	: MW-4S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 12:20
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-13	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72-54-8	4,4'-DDD	0.005	0.029	0.003	JIP

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:32
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-14	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-08	**Date Collected**	: 08/13/19 10:00
Client ID	: MW-4D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 12:32
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-14	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 03:01
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190818a-35	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-09	**Date Collected**	: 08/13/19 10:15
Client ID	: MW-5S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 03:01
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190818a-35	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72-55-9	4,4'-DDE	ND	0.029	0.003	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:44
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-15	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-10	**Date Collected**	: 08/13/19 10:17
Client ID	: MW-5D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 12:44
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-15	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72-55-9	4,4'-DDE	0.005	0.029	0.003	J
50-29-3	4,4'-DDT	0.007	0.029	0.003	JIP

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:55
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-16	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 12:55
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-16	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-54-8	4,4'-DDD	0.047	0.029	0.003	IP J

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 06:06
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-44	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-12	**Date Collected**	: 08/13/19 10:46
Client ID	: MW-6D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 06:06
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-44	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 04:09
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-34	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	0.011	0.014	0.004	JIP

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-13	**Date Collected**	: 08/13/19 11:00
Client ID	: MW-7S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 04:09
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-34	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 04:21
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-35	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 04:21
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-35	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 04:33
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-36	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 04:33
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-36	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 04:44
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-37	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-16	**Date Collected**	: 08/13/19 11:30
Client ID	: MW-8S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 04:44
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-37	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 04:56
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-38	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-17	**Date Collected**	: 08/13/19 11:40
Client ID	: MW-8D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 04:56
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-38	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 05:08
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-39	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-18	**Date Collected**	: 08/13/19 12:00
Client ID	: MW-9S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 05:08
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-39	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 05:19
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-40	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-19	**Date Collected**	: 08/13/19 12:01
Client ID	: MW-9I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 05:19
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-40	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 05:31
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-41	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-20	**Date Collected**	: 08/13/19 12:04
Client ID	: MW-9D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 05:31
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-41	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/19/19 04:23
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190818a-42	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	0.005	0.029	0.003	J
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-21	**Date Collected**	: 08/13/19 12:30
Client ID	: MW-10S	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/19/19 04:23
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190818a-42	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 05:43
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-42	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-22	**Date Collected**	: 08/13/19 12:31
Client ID	: MW-10I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 05:43
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-42	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 05:54
Sample Matrix	: WATER	Date Extracted	: 08/18/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190819b-43	Analyst	: BM
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-23	**Date Collected**	: 08/13/19 12:34
Client ID	: MW-10D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 05:54
Sample Matrix	: WATER	**Date Extracted**	: 08/18/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190819b-43	**Analyst**	: BM
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticidesII
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:07
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-17	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-24	**Date Collected**	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 13:07
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-17	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/20/19 13:19
Sample Matrix	: WATER	Date Extracted	: 08/17/19
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20190820a-18	Analyst	: AMC
Sample Amount	: 140 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U

Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/20/19 13:19
Sample Matrix	: WATER	**Date Extracted**	: 08/17/19
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20190820a-18	**Analyst**	: AMC
Sample Amount	: 140 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticides
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-74-9	Chlordane	ND	0.143	0.033	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-01	Date Collected	: 08/13/19 09:00
Client ID	: MW-1S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 15:38
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-78	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-02	Date Collected	: 08/13/19 09:03
Client ID	: MW-1D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 15:52
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-79	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 16:06
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-80	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-03	Date Collected	: 08/13/19 09:15
Client ID	: MW-2S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 16:06
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-80	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-04	Date Collected	: 08/13/19 09:17
Client ID	: MW-2D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 16:19
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-81	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-05	Date Collected	: 08/13/19 09:30
Client ID	: MW-3S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 16:33
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-82	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 16:46
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-83	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-06	Date Collected	: 08/13/19 09:35
Client ID	: MW-3D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 16:46
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-83	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-07	Date Collected	: 08/13/19 09:55
Client ID	: MW-4S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 17:00
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-84	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-08	Date Collected	: 08/13/19 10:00
Client ID	: MW-4D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 17:14
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-85	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-09	Date Collected	: 08/13/19 10:15
Client ID	: MW-5S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 17:27
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-86	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-10	Date Collected	: 08/13/19 10:17
Client ID	: MW-5D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 18:08
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-89	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-11	Date Collected	: 08/13/19 10:40
Client ID	: MW-6S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 18:21
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-90	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	0.163	0.083	0.039	P
11096-82-5	Aroclor 1260	0.057	0.083	0.032	JP
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	0.220	0.083	0.032	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-12	Date Collected	: 08/13/19 10:46
Client ID	: MW-6D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 18:35
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-91	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	0.390	0.083	0.039	P
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	0.390	0.083	0.032	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-13	Date Collected	: 08/13/19 11:00
Client ID	: MW-7S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:56
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-66	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-14	**Date Collected**	: 08/13/19 11:03
Client ID	: MW-7I	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 13:09
Sample Matrix	: WATER	**Date Extracted**	: 08/14/19
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P2190815b-67	**Analyst**	: HT
Sample Amount	: 140 ml	**Instrument ID**	: PEST2
Extraction Method	: EPA 3510C	**GC Column**	: CLP-Pesticide
Extract Volume	: 5000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-14	Date Collected	: 08/13/19 11:03
Client ID	: MW-7I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:09
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-67	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-15	Date Collected	: 08/13/19 11:05
Client ID	: MW-7D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:23
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-68	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-15	**Date Collected**	: 08/13/19 11:05
Client ID	: MW-7D	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 13:23
Sample Matrix	: WATER	**Date Extracted**	: 08/14/19
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P2190815b-68	**Analyst**	: HT
Sample Amount	: 140 ml	**Instrument ID**	: PEST2
Extraction Method	: EPA 3510C	**GC Column**	: CLP-PesticideII
Extract Volume	: 5000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-16	Date Collected	: 08/13/19 11:30
Client ID	: MW-8S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 13:36
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-69	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-17	Date Collected	: 08/13/19 11:40
Client ID	: MW-8D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 15:25
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-77	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-18	Date Collected	: 08/13/19 12:00
Client ID	: MW-9S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 19:29
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-95	Analyst	: HT
Sample Amount	: 120 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.097	0.040	U
11104-28-2	Aroclor 1221	ND	0.097	0.078	U
11141-16-5	Aroclor 1232	ND	0.097	0.053	U
53469-21-9	Aroclor 1242	ND	0.097	0.045	U
12672-29-6	Aroclor 1248	ND	0.097	0.057	U
11097-69-1	Aroclor 1254	ND	0.097	0.046	U
11096-82-5	Aroclor 1260	ND	0.097	0.037	U
37324-23-5	Aroclor 1262	ND	0.097	0.041	U
11100-14-4	Aroclor 1268	ND	0.097	0.039	U
1336-36-3	PCBs, Total	ND	0.097	0.037	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-19	Date Collected	: 08/13/19 12:01
Client ID	: MW-9I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 19:43
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-96	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-20	Date Collected	: 08/13/19 12:04
Client ID	: MW-9D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 20:50
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-101	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	0.039	0.083	0.032	J
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	0.039	0.083	0.032	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-21	Date Collected	: 08/13/19 12:30
Client ID	: MW-10S	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 10:40
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-56	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	0.206	0.083	0.039	
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	0.206	0.083	0.032	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-22	Date Collected	: 08/13/19 12:31
Client ID	: MW-10I	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 21:04
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-102	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-23	Date Collected	: 08/13/19 12:34
Client ID	: MW-10D	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 21:18
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-103	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-24	Date Collected	: 08/13/19 06:40
Client ID	: FIELD BLANK-EQ-GW-1	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:28
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-64	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	Lab Number	: L1936456
Project Name	: 11-35 31ST DRIVE	Project Number	: 11845
Lab ID	: L1936456-25	Date Collected	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	Date Received	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	Date Analyzed	: 08/16/19 12:42
Sample Matrix	: WATER	Date Extracted	: 08/14/19
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2190815b-65	Analyst	: HT
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.034	U
11104-28-2	Aroclor 1221	ND	0.083	0.067	U
11141-16-5	Aroclor 1232	ND	0.083	0.046	U
53469-21-9	Aroclor 1242	ND	0.083	0.039	U
12672-29-6	Aroclor 1248	ND	0.083	0.049	U
11097-69-1	Aroclor 1254	ND	0.083	0.039	U
37324-23-5	Aroclor 1262	ND	0.083	0.035	U
11100-14-4	Aroclor 1268	ND	0.083	0.034	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: Impact Environmental	**Lab Number**	: L1936456
Project Name	: 11-35 31ST DRIVE	**Project Number**	: 11845
Lab ID	: L1936456-25	**Date Collected**	: 08/13/19 06:41
Client ID	: FIELD BLANK-EQ-GW-2	**Date Received**	: 08/13/19
Sample Location	: 11-35 31ST DRIVE, ASTORIA, NY	**Date Analyzed**	: 08/16/19 12:42
Sample Matrix	: WATER	**Date Extracted**	: 08/14/19
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P2190815b-65	**Analyst**	: HT
Sample Amount	: 140 ml	**Instrument ID**	: PEST2
Extraction Method	: EPA 3510C	**GC Column**	: CLP-PesticideII
Extract Volume	: 5000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
1336-36-3	PCBs, Total	ND	0.083	0.032	U

ATTACHMENT B

CASE NARRATIVE & COC

Project Name: 11-35 31ST DRIVE
Project Number: 11845

Lab Number: L1936456
Report Date: 08/28/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1936456-01	MW-1S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:00	08/13/19
L1936456-02	MW-1D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:03	08/13/19
L1936456-03	MW-2S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:15	08/13/19
L1936456-04	MW-2D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:17	08/13/19
L1936456-05	MW-3S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:30	08/13/19
L1936456-06	MW-3D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:35	08/13/19
L1936456-07	MW-4S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 09:55	08/13/19
L1936456-08	MW-4D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 10:00	08/13/19
L1936456-09	MW-5S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 10:15	08/13/19
L1936456-10	MW-5D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 10:17	08/13/19
L1936456-11	MW-6S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 10:40	08/13/19
L1936456-12	MW-6D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 10:46	08/13/19
L1936456-13	MW-7S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 11:00	08/13/19
L1936456-14	MW-7I	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 11:03	08/13/19
L1936456-15	MW-7D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 11:05	08/13/19
L1936456-16	MW-8S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 11:30	08/13/19
L1936456-17	MW-8D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 11:40	08/13/19
L1936456-18	MW-9S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 12:00	08/13/19
L1936456-19	MW-9I	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 12:01	08/13/19
L1936456-20	MW-9D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 12:04	08/13/19
L1936456-21	MW-10S	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 12:30	08/13/19
L1936456-22	MW-10I	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 12:31	08/13/19
L1936456-23	MW-10D	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 12:34	08/13/19
L1936456-24	FIELD BLANK-EQ-GW-1	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 06:40	08/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1936456-25	FIELD BLANK-EQ-GW-2	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 06:41	08/13/19
L1936456-26	TRIP BLANK	WATER	11-35 31ST DRIVE, ASTORIA, NY	08/13/19 00:00	08/13/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

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

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Sample Receipt

The analyses performed were specified by the client.

L1936456-16, -17, -21, -22 and -23: Containers for the Herbicides analysis were received, but were not listed on the chain of custody. The analysis was not performed at the client's request.

Semivolatile Organics

L1936456-02 and -14: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1273755-1 Method Blank, associated with L1936456-16 through -23, has a concentration above the reporting limit for Bis(2-ethylhexyl)phthalate. The results of the original analysis are reported and are qualified with a "B" for any associated sample concentrations that are less than 10x the blank concentration for this analyte.

The WG1273524-4/-5 MS/MSD recoveries, performed on L1936456-09, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%), 4-chloroaniline (0%/0%), 2-nitroaniline (MSD 14%), 3-nitroaniline (0%/0%), 4-nitroaniline (0%/0%) and 2,4-dimethylphenol (0%/0%) due to the concentrations of these compounds falling below the reported detection limits.

The WG1273755-4 MS recovery, performed on L1936456-21, is below the acceptance criteria for 3,3'-dichlorobenzidine (0%) due to the concentration of this compound falling below the reported detection limit.

Semivolatile Organics by SIM

L1936456-02: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1936456-25: The Field Blank has a result for Naphthalene present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

Case Narrative (continued)

1,4-Dioxane by 8270-SIM

L1936456-01, -02, -08, -10, -11, -12, -17, and -22: The sample has an elevated detection limit due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1936456-21: The MS/MSD recoveries were outside the acceptance criteria (WG1273503-4/-5: 1,4-dioxane (0%/0%)); however, re-extraction outside of holding time achieved results indicating non-homogeneity. The results of both extractions are reported.

The WG1277346-4 MS recovery, performed on L1936456-21, is outside the acceptance criteria for 1,4-dioxane (263%).

The WG1277346-4/-5 MS/MSD RPD, performed on L1936456-21, is outside the acceptance criteria for 1,4-dioxane (42%).

PCBs

L1936456-18: The sample has elevated detection limits due to limited sample volume available for analysis.

Pesticides

L1936456-12: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (204%, 180%) and decachlorobiphenyl (15%) due to interference with the Internal Standard.

Total Metals

L1936456-24 and -25: The Field Blank has a concentration above the reporting limit for Barium. The results were confirmed.

The WG1272957-3/-4 MS/MSD recoveries for calcium (50%/0%), iron (0%/0%), magnesium (50%/40%), manganese (52%/26%) and sodium (70%/70%), performed on L1936456-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1274008-3/-4 MS/MSD recoveries for aluminum (460%/585%), calcium (240%/370%), copper (143%/169%), iron (1010%/1610%), magnesium (160%/200%), and manganese (137%/205%) performed on

Case Narrative (continued)

L1936456-21, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1274008-3/-4 MS/MSD recoveries, performed on L1936456-21, are outside the acceptance criteria for potassium (134%/146%) and zinc (MSD 128%). A post digestion spike was performed and was within acceptance criteria.

Dissolved Metals
L1936456-01 and -18: The sample has an elevated detection limit for mercury due to the prep dilution required by the limited sample volume available for analysis.
The WG1272178-3/-4 MS/MSD recoveries, performed on L1936456-09, are outside the acceptance criteria for antimony (136%/132%), iron (136%/131%) and selenium (MSD 131%). A post digestion spike was performed and was within acceptance criteria.
The WG1272178-3/-4 MS/MSD recoveries for calcium (60%/0%), magnesium (MS 130%) and sodium (210%/190%), performed on L1936456-09, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1272182-3/-4 MS/MSD recoveries for calcium (59%/50%) and sodium (MSD 74%), performed on L1936456-21, do not apply because the sample concentrations greater than four times the spike amounts added.
The WG1272182-3/-4 MS/MSD recoveries, performed on L1936456-21, are outside the acceptance criteria for iron (128%/132%) and selenium (MS 131%). 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: Melissa Sturgis Report Date: 08/28/19

Title: Technical Director/Representative

L1936456

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 3

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE: 8/19/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie De Lafuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuente@impactenvironmental.com

Project Information

Project Name: 11-35 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** **Zip:**
Project #: 11545
Sampler's Name: Leif Robertson
Sampler's Signature:

Sample Information / Sample Collection / Sample Containers

Number of Each Preserved Bottle

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)
01	1 MW-1S	11545	GW	G	8/13	900	10		X			X
02	2 MW-1D					903			X			X
03	3 MW-2S					915			X			X
04	4 MW-2D					917			X			X
05	5 MW-3S					930			X			X
06	6 MW-3D					935			X			X
07	7 MW-4S					955			X			X
08	8 MW-4D					1000			X			X
09	9 MW-5S					1015			X			X
TB	10 MW-5D					1017			X			X

Analytical Information

Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL SVOCs +TICs, TCL PCBs + Pesticides	TAL metals, cyanide, hex chromium	1,4 Dioxane			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			
						X	X	X			

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

(LAB USE ONLY)

Turnaround Time (Business Days)

Standard Service (LAB USE ONLY)

- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

TAT Approved By / Date:

Rush Service

- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☒ Other Cat B
- ☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* MW-5S MS/MSD sample

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	1 8/13/19 1630	1	2	8/13/19 1930	2 8/15/19 1930
Relinquished by: 3	Date / Time: 3 8/14/19 0830	Received By: 3	Relinquished By: 4	Date / Time: 4	Received By: 4
Relinquished by: 5	Date / Time: 5	Received By: 6	Cooler Temp:	pH:	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1936456

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 3

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE: 8/14/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie Delafuent
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: jdelafuent@impactenvironmental.com

Project Information

Project Name: 11-35 21st Drive
Street: 11-35 21st Drive
City: Astoria **State:** **Zip:**
Project #: 11845
Sampler's Name: Leif Robertson
Sampler's Signature:

Sample Information / Collection / Containers / Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL VOC's +TICs	TCL PCB's + Pesticides	TAL Metals + Cyanide, Hex chrom	1,4 Dioxane	(LAB USE ONLY)
11	1 MW-6S	11845	GW	G	8/13	1040	10		X			X							X	X	X	X	
12	2 MW-6D					1046			X			X							X	X	X	X	
13	3 MW-7S					1100			X			X							X	X	X	X	
14	4 MW-7I					1103			X			X							X	X	X	X	
15	5 MW-7D					1105			X			X							X	X	X	X	
16	6 MW-8S					1130			X			X							X	X	X	X	
17	7 MW-8D					1140			X			X							X	X	X	X	
18	8 MW-9S					1200			X			X							X	X	X	X	
19	9 MW-9I					1201			X			X							X	X	X	X	
20	10 MW-9D					1204			X			X							X	X	X	X	

Matrix Codes: L - Liquid; S - Soil; A - Air; OL - Oil; W - Wipe; PC - Paint Chips; SL - Sludge; SD - Solid; DW- Drinking Water; DISS - Dissolved

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

Standard Service
- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

Rush Service
- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☒ Other Cat B
- ☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		8/13/19 1630			8/13/19 1930	
2						8/13/19 1930
3	AAC	8/14/19 0030				
4						
5						

COOLER INFORMATION

Cooler Temp:_____ pH:_____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

L1936456

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 3 of 3

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE: 8/14/19

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Julie De lafuente
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: JdeLafuente@impactenvironmental.com

Project Information

Project Name: 11-35 31st Drive
Street: 11-35 31st Drive
City: Astoria **State:** **Zip:**
Project #: 11845
Sampler's Name: Zeif Robertson
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	TCL Suocst Tic's	PCB + Pesticides	TAL metals + Hexchrom endosulfan	1,4 Dioxane		(LAB USE ONLY)
21	1 MW-10S	11845	GW	G	8/13	1230			X			X							X	X	X	X		
22	2 MW-10I			G		1231			X			X							X	X	X	X		
23	3 MW-10D			G		1234			X			X							X	X	X	X		
24	4 Field Blank-EQ-GW-1		L	G		640			X			X							X	X	X	X		
25	5 Field Blank-EQ-GW-2		L	G		641			X			X							X	X	X	X		
26	6 Trip Blank		L	—	—	—			X			—							X	X	X	X		
	7																							
	8																							
	9																							
	10																							

Matrix Codes: L - Liquid; S - Soil; A - Air; OL - Oil; W - Wipe; PC - Paint Chips; SL - Sludge; SD - Solid; DW- Drinking Water; DISS - Dissolved

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

Standard Service
- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

Rush Service
- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☒ Other cat B
- ☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

MW-10S MS/MSD Sample

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		8/13/19 1700	1	2	8/14/19 1430	2 8/15/19 930
3		8/14/19 0030	3	4	Date / Time:	4
5		Date / Time:	5			

COOLER INFORMATION
Cooler Temp: pH: ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013