

VIA EMAIL

December 7, 2018

Mr. Stephen G. Malsan, P.E.
Mr. Matthew N. Mashhadi
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway
Albany, New York 12233-7015

Re: Groundwater Analytical Results – October 2018
Gent Uniform Rental Corp., Massapequa, New York
Site #130056

Dear Mr. Malsan & Mashhadi:

On behalf of Gent Uniform Rental Corporation (Gent), Roux Environmental Engineering and Geology, D.P.C. (Roux) conducted a groundwater sampling event at the Gent facility located at 5680 Merrick Road, Massapequa, New York (the Site). The sampling was conducted on October 11, 2018 in accordance with modifications to the Operation, Maintenance, and Monitoring (OM&M) Plan that were summarized in a letter from Roux to the New York State Department of Environmental Conservation (NYSDEC) on June 14, 2013.

Scope of Work

On December 12, 2017, Roux received a request from NYSDEC to include sampling for the emerging contaminants (ECs) 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) as part of the next scheduled sampling event (Attachment 1). In response to NYSDEC's request for EC sampling, Roux requested a reduction in the number of monitoring wells to be sampled for ECs from seven to four. This request was approved on October 5, 2018 (Attachment 2).

On October 11, 2018, Roux collected groundwater samples from six monitoring wells: MW-1 (RR), MW-3, MW-3A, MW-3B, MW-3C, and MW-4 (Figure 1) using low-flow sampling procedures. Field parameters were collected with a water quality meter during groundwater purging including dissolved oxygen, oxidation reduction potential (ORP), pH, temperature, specific conductance, and turbidity. Samples were submitted to Alpha Analytical of Westborough, MA (NYSDOH ELAP #11627) for analysis of volatile organic compounds (VOCs), 1,4-dioxane, and PFAS. One trip blank was analyzed for VOCs and one field duplicate and one field blank was collected for VOCs, 1,4-dioxane, and PFAS as QA/QC samples.

Results

Laboratory analytical results for VOCs and ECs are presented in Attachment 3 and summarized in Table 1 and Table 2, respectively. In addition, Table 1 summarizes historical groundwater data for VOCs collected from the last three groundwater sampling events (2014 to 2016).

VOCs

There were no VOCs detected in the October 2018 sampling event that exceeded their NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs; Table 1). Two VOCs, acetone and tetrachloroethene (PCE), were detected at concentrations above laboratory reporting standards. Acetone was detected in four monitoring wells, MW-3, MW-3B, MW-3C, and MW-4, ranging from 1.8 µg/L to 6.4 µg/L, below its ASWQGV of 50 µg/L. PCE was detected at concentrations of 0.24 µg/L at MW-1 (RR) and 1.4 µg/L at MW-4, below its AWQSGV of 5 µg/L. VOC data in groundwater from the October 2018 sampling event is similar to the last three groundwater sampling events with no VOCs detected above AWQSGVs in any well.

Emerging Contaminants

None of the samples contained detections of 1,4-dioxane over the laboratory reporting limit. Seventeen of 21 PFAS compounds analyzed for were detected in at least one of the four samples collected at the Site (Table 2). As PFAS are emerging contaminants, the NYSDEC does not yet have published standards for these compounds in groundwater. For comparison, Roux used the United States Environmental Protection Agency's (USEPA's) health advisory level of 70 parts per trillion (ppt) for the combined concentrations of two PFAS compounds, PFOS and PFOA. Combined concentrations of PFOS and PFOA ranged from 25.45 ppt to 79 ppt. The greatest concentration was detected at MW-4, which was the only sample that slightly exceeded the USEPA health advisory level.

Conclusion and Recommendations

Groundwater analytical results demonstrate that the Gent remedial systems have been effective in reducing the overall VOC concentrations over time. **There have been no detections of VOCs exceeding AWQSGVs in over four and a half years.** Based on this data, Roux recommends termination of the periodic groundwater sampling outlined in the 2017 Site Management Plan.

If you have any questions or require additional information, please feel free to contact the undersigned by telephone at 631-232-2600.

Sincerely,

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



Levi Curnutte
Project Scientist



Michael Roux
Principal Hydrogeologist / Director

Attachments

Groundwater Analytical Results – October 2018
5680 Merrick Road, Massapequa, New York

TABLES

1. Summary of Volatile Organic Compounds in Groundwater
2. Summary of Per- and Polyfluoroalkyl Substances and 1,4-Dioxane in Groundwater

Notes Utilized Throughout Tables

Groundwater Tables

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

J - Estimated Value

U - Compound was analyzed for but not detected

NA - Compound was not analyzed for by laboratory

NS - Not sampled

FD - Duplicate

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

µg/L - Micrograms per liter

ng/L - Nanogram per liter

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-1RR	MW-1RR	MW-1RR	MW1-RR	MW-3	MW-3	MW-3	MW-3	MW-3A	MW-3A
Sample Date:			3/31/2014	12/19/2014	8/29/2016	10/11/2018	3/31/2014	12/19/2014	8/29/2016	10/11/2018	3/31/2014	12/19/2014
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	N
Parameter	NYSDEC AWQSGVs	Unit										
1,1,1,2-Tetrachloroethane	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
1,1,1-Trichloroethane (TCA)	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	UG/L	1 U	NS	NA	NA	1 U	NS	NA	NA	1 U	1 U
1,1,2-Trichloroethane	1	UG/L	1 U	NS	1.5 U	1.5 U	1 U	NS	1.5 U	1.5 U	1 U	1 U
1,1-Dichloroethane	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,1-Dichloroethene	5	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
1,1-Dichloropropene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
1,2,3-Trichlorobenzene	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,2,3-Trichloropropane	0.04	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
1,2,4,5-Tetramethylbenzene	5	UG/L	NA	NS	NA	2 U	NA	NS	NA	2 U	NA	NA
1,2,4-Trichlorobenzene	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,2,4-Trimethylbenzene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	--	UG/L	NA	NS	NA	2 U	NA	NS	NA	2 U	NA	NA
1,2-Dichlorobenzene	3	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,2-Dichloroethane	0.6	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
1,2-Dichloropropane	1	UG/L	1 U	NS	1 U	1 U	1 U	NS	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
1,3-Dichlorobenzene	3	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,3-Dichloropropane	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
1,4-Dichlorobenzene	3	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
1,4-Diethyl Benzene	--	UG/L	NA	NS	NA	2 U	NA	NS	NA	2 U	NA	NA
1,4-Dioxane (P-Dioxane)	--	UG/L	50 U	NS	250 U	250 U	50 U	NS	250 U	250 U	50 U	50 U
2,2-Dichloropropane	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
2-Chlorotoluene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
2-Hexanone	50	UG/L	5 U	NS	5 U	5 U	5 U	NS	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
4-Ethyltoluene	--	UG/L	NA	NS	NA	2 U	NA	NS	NA	2 U	NA	NA
Acetone	50	UG/L	5 U	NS	5 U	5 U	5 U	NS	5 U	1.8 J	5 U	5 U
Acrylonitrile	5	UG/L	NA	NS	NA	5 U	NA	NS	NA	5 U	NA	NA
Benzene	1	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
Bromobenzene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Bromochloromethane	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Bromodichloromethane	50	UG/L	NA	NS	NA	0.5 U	NA	NS	NA	0.5 U	NA	NA
Bromoform	50	UG/L	1 U	NS	2 U	2 U	1 U	NS	2 U	2 U	1 U	1 U
Bromomethane	5	UG/L	1 U	NS	1.1 J	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Carbon Disulfide	60	UG/L	1 U	NS	5 U	5 U	1 U	NS	5 U	5 U	1 U	1 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-1RR	MW-1RR	MW-1RR	MW1-RR	MW-3	MW-3	MW-3	MW-3	MW-3A	MW-3A
Sample Date:			3/31/2014	12/19/2014	8/29/2016	10/11/2018	3/31/2014	12/19/2014	8/29/2016	10/11/2018	3/31/2014	12/19/2014
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	N
Parameter	NYSDEC AWQSGVs	Unit										
Carbon Tetrachloride	5	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
Chlorobenzene	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Chlorobromomethane	--	UG/L	1 U	NS	NA	NA	1 U	NS	NA	NA	1 U	1 U
Chlorodibromomethane	--	UG/L	1 U	NS	NA	NA	1 U	NS	NA	NA	1 U	1 U
Chloroethane	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Chloroform	7	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Chloromethane	--	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	UG/L	0.86 J	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Cis-1,3-Dichloropropene	5	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
Cyclohexane	--	UG/L	1 U	NS	NA	NA	1 U	NS	NA	NA	1 U	1 U
Cymene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Dibromochloromethane	50	UG/L	NA	NS	NA	0.5 U	NA	NS	NA	0.5 U	NA	NA
Dibromomethane	5	UG/L	NA	NS	NA	5 U	NA	NS	NA	5 U	NA	NA
Dichlorobromomethane	--	UG/L	1 U	NS	0.5 U	NA	1 U	NS	0.5 U	NA	1 U	1 U
Dichlorodifluoromethane	5	UG/L	1 U	NS	5 U	5 U	1 U	NS	5 U	5 U	1 U	1 U
Dichloroethylenes	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Diethyl Ether (Ethyl Ether)	--	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Ethylbenzene	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Ethylene Dibromide	--	UG/L	1 U	NS	NA	NA	1 U	NS	NA	NA	1 U	1 U
Hexachlorobutadiene	0.5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Isopropylbenzene (Cumene)	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Methyl acetate	--	UG/L	5 U	NS	NA	NA	5 U	NS	NA	NA	5 U	5 U
Methylcyclohexane	--	UG/L	1 U	NS	NA	NA	1 U	NS	NA	NA	1 U	1 U
Methylene Chloride	5	UG/L	1 U	NS	2.5 U	NA	1 U	NS	2.5 U	NA	1 U	1 U
m,p-Xylene	5	UG/L	1 U	NS	NA	2.5 U	1 U	NS	NA	2.5 U	1 U	1 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	NS	5 U	5 U	5 U	NS	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	NS	5 U	5 U	5 U	NS	5 U	5 U	5 U	5 U
Methylene Chloride	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Naphthalene	10	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
N-Butylbenzene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
N-Propylbenzene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Sec-Butylbenzene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Styrene	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
T-Butylbenzene	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Tert-Butyl Methyl Ether	10	UG/L	0.27 J	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Tetrachloroethylene (PCE)	5	UG/L	2.5	NS	0.23 J	0.24 J	0.44 J	NS	0.25 J	0.5 U	0.21 J	1 U
Toluene	5	UG/L	1 U	NS	2.5 U	2.5 U	1.1	NS	2.5 U	2.5 U	0.59 J	1 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-1RR	MW-1RR	MW-1RR	MW1-RR	MW-3	MW-3	MW-3	MW-3	MW-3A	MW-3A
Sample Date:			3/31/2014	12/19/2014	8/29/2016	10/11/2018	3/31/2014	12/19/2014	8/29/2016	10/11/2018	3/31/2014	12/19/2014
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	N
Parameter	NYSDEC AWQSGVs	Unit										
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	UG/L	NA	NS	NA	0.5 U	NA	NS	NA	0.5 U	NA	NA
Trans-1,2-Dichloroethene	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	2.5 U	2.5 U	1 U	1 U
Trans-1,3-Dichloropropene	--	UG/L	1 U	NS	0.5 U	0.5 U	1 U	NS	0.5 U	0.5 U	1 U	1 U
Trans-1,4-Dichloro-2-Butene	--	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA
Trichloroethylene (TCE)	5	UG/L	2.2	NS	0.5 U	0.5 U	0.24 J	NS	0.5 U	0.5 U	0.19 J	1 U
Trichlorofluoromethane	5	UG/L	1 U	NS	2.5 U	2.5 U	1 U	NS	NA	2.5 U	1 U	1 U
Vinyl Acetate	--	UG/L	NA	NS	NA	5 U	NA	NS	NA	5 U	NA	NA
Vinyl Chloride	2	UG/L	1 U	NS	NA	1 U	1 U	NS	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	NA	NS	NA	2.5 U	NA	NS	NA	2.5 U	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-3A	MW-3A	MW-3B	MW-3B	MW-3B	MW-3B	MW-3C	MW-3C
Sample Date:			8/29/2016	10/11/2018	3/31/2014	12/19/2014	8/30/2016	10/11/2018	4/1/2014	12/19/2014
Normal or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC AWQSGVs	Unit								
1,1,1,2-Tetrachloroethane	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	UG/L	NA	NA	1 U	1 U	NA	NA	1 U	1 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1 U	1 U	1.5 U	1.5 U	1 U	1 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
1,1-Dichloropropene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,2,3-Trichloropropane	0.04	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
1,2,4,5-Tetramethylbenzene	5	UG/L	NA	2 U	NA	NA	NA	2 U	NA	NA
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,2,4-Trimethylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	--	UG/L	NA	2 U	NA	NA	NA	2 U	NA	NA
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,3-Dichloropropane	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
1,4-Diethyl Benzene	--	UG/L	NA	2 U	NA	NA	NA	2 U	NA	NA
1,4-Dioxane (P-Dioxane)	--	UG/L	250 U	250 U	50 U	50 U	250 U	250 U	50 U	50 U
2,2-Dichloropropane	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
2-Chlorotoluene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
4-Ethyltoluene	--	UG/L	NA	2 U	NA	NA	NA	2 U	NA	NA
Acetone	50	UG/L	3 J	5 U	5 U	5 U	5 U	6.4	5 U	5 U
Acrylonitrile	5	UG/L	NA	5 U	NA	NA	NA	5 U	NA	NA
Benzene	1	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
Bromobenzene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Bromochloromethane	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Bromodichloromethane	50	UG/L	NA	0.5 U	NA	NA	NA	0.5 U	NA	NA
Bromoform	50	UG/L	2 U	2 U	1 U	1 U	2 U	2 U	1 U	1 U
Bromomethane	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Carbon Disulfide	60	UG/L	5 U	5 U	1 U	1 U	5 U	5 U	1 U	1 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-3A	MW-3A	MW-3B	MW-3B	MW-3B	MW-3B	MW-3C	MW-3C
Sample Date:			8/29/2016	10/11/2018	3/31/2014	12/19/2014	8/30/2016	10/11/2018	4/1/2014	12/19/2014
Normal or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC AWQSGVs	Unit								
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Chlorobromomethane	--	UG/L	NA	NA	1 U	1 U	NA	NA	1 U	1 U
Chlorodibromomethane	--	UG/L	NA	NA	1 U	1 U	NA	NA	1 U	1 U
Chloroethane	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Chloroform	7	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Chloromethane	--	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Cis-1,3-Dichloropropene	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
Cyclohexane	--	UG/L	NA	NA	1 U	1 U	NA	NA	1 U	1 U
Cymene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Dibromochloromethane	50	UG/L	NA	0.5 U	NA	NA	NA	0.5 U	NA	NA
Dibromomethane	5	UG/L	NA	5 U	NA	NA	NA	5 U	NA	NA
Dichlorobromomethane	--	UG/L	0.5 U	NA	1 U	1 U	0.5 U	NA	1 U	1 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	1 U	1 U	5 U	5 U	1 U	1 U
Dichloroethylenes	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Diethyl Ether (Ethyl Ether)	--	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Ethylbenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Ethylene Dibromide	--	UG/L	NA	NA	1 U	1 U	NA	NA	1 U	1 U
Hexachlorobutadiene	0.5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Methyl acetate	--	UG/L	NA	NA	5 U	5 U	NA	NA	5 U	5 U
Methylcyclohexane	--	UG/L	NA	NA	1 U	1 U	NA	NA	1 U	1 U
Methylene Chloride	5	UG/L	2.5 U	NA	1 U	1 U	2.5 U	NA	1 U	1 U
m,p-Xylene	5	UG/L	NA	2.5 U	1 U	1 U	NA	2.5 U	1 U	1 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Naphthalene	10	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
N-Butylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
N-Propylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Sec-Butylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Styrene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
T-Butylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	0.36 J	1 U	2.5 U	2.5 U	0.41 J	0.18 J
Tetrachloroethylene (PCE)	5	UG/L	0.5 U	0.5 U	0.16 J	1 U	0.5 U	0.5 U	1 U	1 U
Toluene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	0.58 J	1 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-3A	MW-3A	MW-3B	MW-3B	MW-3B	MW-3B	MW-3C	MW-3C
Sample Date:			8/29/2016	10/11/2018	3/31/2014	12/19/2014	8/30/2016	10/11/2018	4/1/2014	12/19/2014
Normal or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC AWQSGVs	Unit								
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	UG/L	NA	0.5 U	NA	NA	NA	0.5 U	NA	NA
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	1 U	1 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	1 U	1 U
Trans-1,4-Dichloro-2-Butene	--	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	0.12 J	1 U	0.5 U	0.5 U	1 U	1 U
Trichlorofluoromethane	5	UG/L	NA	2.5 U	1 U	1 U	NA	2.5 U	1 U	1 U
Vinyl Acetate	--	UG/L	NA	5 U	NA	NA	NA	5 U	NA	NA
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-3C	MW-3C	MW-3D	MW-3D	MW-3D	MW-4	MW-4	MW-4	MW-4	MW-4
Sample Date:			8/30/2016	10/11/2018	3/31/2014	12/19/2014	8/29/2016	3/31/2014	12/19/2014	8/29/2016	10/11/2018	10/11/2018
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	FD
Parameter	NYSDEC AWQSGVs	Unit										
1,1,1,2-Tetrachloroethane	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	UG/L	NA	NA	1 U	1 U	NA	1 U	1 U	NA	NA	NA
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1 U	1 U	1.5 U	1 U	1 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	UG/L	NA	2 U	NA	NA	NA	NA	NA	NA	2 U	2 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	UG/L	NA	2 U	NA	NA	NA	NA	NA	NA	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	--	UG/L	NA	2 U	NA	NA	NA	NA	NA	NA	2 U	2 U
1,4-Dioxane (P-Dioxane)	--	UG/L	250 U	250 U	50 U	50 U	250 U	50 U	50 U	250 U	250 U	250 U
2,2-Dichloropropane	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
2-Chlorotoluene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
4-Ethyltoluene	--	UG/L	NA	2 U	NA	NA	NA	NA	NA	NA	2 U	2 U
Acetone	50	UG/L	5 U	4.8 J	5 U	5 U	2.1 J	5 U	5 U	5 U	2.3 J	5 U
Acrylonitrile	5	UG/L	NA	5 U	NA	NA	NA	NA	NA	NA	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Bromochloromethane	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	NA	0.5 U	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	1 U	1 U	2 U	1 U	1 U	2 U	2 U	2 U
Bromomethane	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U	5 U	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

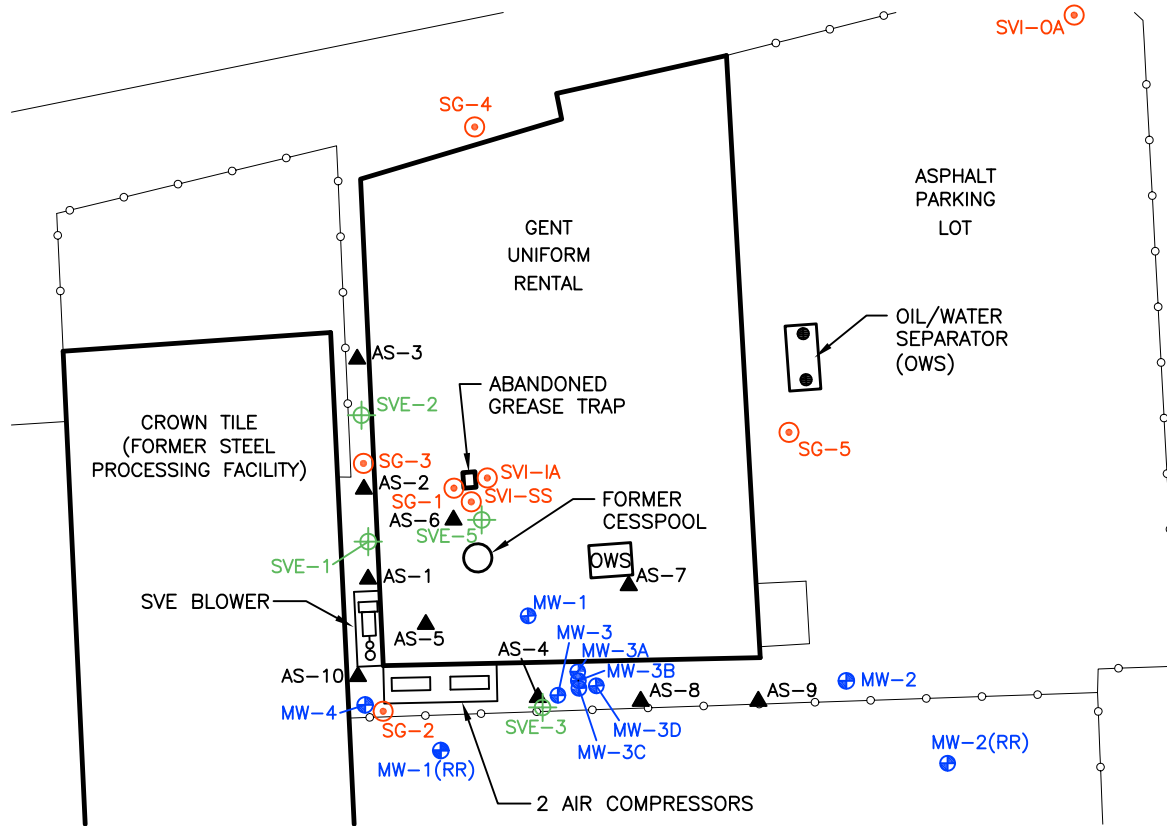
Sample Designation:			MW-3C	MW-3C	MW-3D	MW-3D	MW-3D	MW-4	MW-4	MW-4	MW-4	MW-4
Sample Date:			8/30/2016	10/11/2018	3/31/2014	12/19/2014	8/29/2016	3/31/2014	12/19/2014	8/29/2016	10/11/2018	10/11/2018
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	FD
Parameter	NYSDEC AWQSGVs	Unit										
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Chlorobromomethane	--	UG/L	NA	NA	1 U	1 U	NA	1 U	1 U	NA	NA	NA
Chlorodibromomethane	--	UG/L	NA	NA	1 U	1 U	NA	1 U	1 U	NA	NA	NA
Chloroethane	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Chloromethane	--	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--	UG/L	NA	NA	1 U	1 U	NA	1 U	1 U	NA	NA	NA
Cymene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Dibromochloromethane	50	UG/L	NA	0.5 U	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U
Dibromomethane	5	UG/L	NA	5 U	NA	NA	NA	NA	NA	NA	5 U	5 U
Dichlorobromomethane	--	UG/L	0.5 U	NA	1 U	1 U	0.5 U	1 U	1 U	0.5 U	NA	NA
Dichlorodifluoromethane	5	UG/L	5 U	5 U	1 U	1 U	5 U	1 U	1 U	5 U	5 U	5 U
Dichloroethylenes	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	--	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Ethylene Dibromide	--	UG/L	NA	NA	1 U	1 U	NA	1 U	1 U	NA	NA	NA
Hexachlorobutadiene	0.5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Methyl acetate	--	UG/L	NA	NA	5 U	5 U	NA	5 U	5 U	NA	NA	NA
Methylcyclohexane	--	UG/L	NA	NA	1 U	1 U	NA	1 U	1 U	NA	NA	NA
Methylene Chloride	5	UG/L	2.5 U	NA	1 U	1 U	2.5 U	1 U	1 U	2.5 U	NA	NA
m,p-Xylene	5	UG/L	NA	2.5 U	1 U	1 U	NA	1 U	1 U	NA	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Naphthalene	10	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
N-Butylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
N-Propylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	0.19 J	0.88 J	0.48 J	1.4	1.4
Toluene	5	UG/L	2.5 U	2.5 U	0.7 J	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, Gent Uniform Rental, Massapequa, New York

Sample Designation:			MW-3C	MW-3C	MW-3D	MW-3D	MW-3D	MW-4	MW-4	MW-4	MW-4	MW-4
Sample Date:			8/30/2016	10/11/2018	3/31/2014	12/19/2014	8/29/2016	3/31/2014	12/19/2014	8/29/2016	10/11/2018	10/11/2018
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	FD
Parameter	NYSDEC AWQSGVs	Unit										
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	UG/L	NA	0.5 U	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	1 U	1 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	--	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	NA	2.5 U	1 U	1 U	NA	1 U	1 U	NA	2.5 U	2.5 U
Vinyl Acetate	--	UG/L	NA	5 U	NA	NA	NA	NA	NA	NA	5 U	5 U
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	NA	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	2.5 U

Table 2. Summary of Per- and Polyfluoroalkyl Substances and 1,4-Dioxane in Groundwater, Gent Uniform Rental, Massapequa, New York

			Sample Designation:	MW1-RR	MW-3	MW-3B	MW-4	MW-4
			Sample Date:	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018
			Normal or Field Duplicate:	N	N	N	N	FD
Parameter	NYSDEC AWQSGVs	Unit						
1,4-Dioxane (P-Dioxane)	--	NG/L	139 U	139 U	227 U	144 U	144 U	
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	NG/L	1.01 J	1.78 U	2.12 U	1.8 U	1.82 U	
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	--	NG/L	1.73 U	1.78 U	5.19	1.8 U	1.82 U	
Perfluorobutanesulfonic acid (PFBS)	--	NG/L	6.93	8.28	0.907 J	4.59	4.53	
Perfluorobutanoic Acid	--	NG/L	7.74	11.8	2.92	4.92	5.17	
Perfluorodecane Sulfonic Acid	--	NG/L	1.73 U	0.701 J	2.12 U	1.8 U	1.82 U	
Perfluorodecanoic acid (PFDA)	--	NG/L	1.12 J	0.576 J	18.7	2.25	2.28	
Perfluorododecanoic acid (PFDoA)	--	NG/L	1.73 U	1.78 U	4.81	0.5 J	0.334 J	
Perfluoroheptane Sulfonate (PFHPS)	--	NG/L	1.73 U	1.78 U	2.12 U	1.8 U	1.82 U	
Perfluoroheptanoic acid (PFHpA)	--	NG/L	6.9	6.94	4.98	4.72	4.92	
Perfluorohexanesulfonic acid (PFHxS)	--	NG/L	2.71	3.08	3.82	4.9	4.7	
Perfluorohexanoic acid (PFHxA)	--	NG/L	9.66	10.3	7.92	4.98	5.21	
Perfluorononanoic acid (PFNA)	--	NG/L	1.99	2.97	741	2.16	2.04	
Perfluorooctane Sulfonamide (FOSA)	--	NG/L	1.73 U	1.78 U	2.12 U	1.8 U	1.82 U	
Perfluorooctanesulfonic acid (PFOS)	--	NG/L	25	24.1	7.25	62.8	57.8	
Perfluorooctanoic acid (PFOA)	--	NG/L	24.6	26.4	18.2	16.2	16.2	
Perfluoropentanoic Acid (PFPeA)	--	NG/L	8.79	11.6	3.08	4.77	4.89	
Perfluorotetradecanoic acid (PFTA)	--	NG/L	1.73 U	1.78 U	0.462 J	1.8 U	1.82 U	
Perfluorotridecanoic Acid (PFTriA)	--	NG/L	1.73 U	1.78 U	47.5	1.8 U	1.82 U	
Perfluoroundecanoic Acid (PFUnA)	--	NG/L	0.841 J	0.416 J	533	0.759 J	0.782 J	
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	NG/L	1.73 U	1.78 U	2.12 U	1.8 U	1.82 U	
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	NG/L	1.73 U	1.78 U	3.31	0.32 J	1.82 U	



LEGEND

- AS-7 ▲ LOCATION AND DESIGNATION OF EXISTING AS WELL
- SVE-5 ⊕ LOCATION AND DESIGNATION OF EXISTING SVE WELL
- MW-2 ⊕ LOCATION AND DESIGNATION OF MONITORING WELL
- SG-1 ⊕ LOCATION AND DESIGNATION OF PREVIOUS SOIL VAPOR SAMPLING POINT
- SVI-SS ⊕ PROPOSED SOIL VAPOR INTRUSION INVESTIGATION SAMPLING LOCATION
- MANHOLE LOCATION
- FENCE

NOTE

ABOVEGROUND PIPING NOT SHOWN FOR CLARITY



Title:			
SAMPLE LOCATIONS AND AS/SVE SYSTEM LAYOUT			
Prepared For:			
GENT UNIFORM CORPORATION			
ROUX ROUX ASSOCIATES, INC. <i>Environmental Consulting & Management</i>	Compiled by: L.C.	Date: 09JUN17	FIGURE 1
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: M.R.	Project: 1020.0001Y003	
	File: 1020.0001Y160.01.DWG		

Groundwater Analytical Results – October 2018
5680 Merrick Road, Massapequa, New York

ATTACHMENTS

1. NYSDEC Request for EC Sampling
2. NYSDEC Approval of EC Sampling Plan
3. Laboratory Analytical Report

Groundwater Analytical Results – October 2018
5680 Merrick Road, Massapequa, New York

ATTACHMENT 1

NYSDEC Request for EC Sampling

From: [Malsan, Stephen \(DEC\)](#)
To: [Levi Curnutte](#); [Michael Roux](#)
Cc: [Evans, Daniel \(DEC\)](#)
Subject: Gent Uniform site HW 130056
Date: Tuesday, December 12, 2017 5:14:48 PM
Attachments: [image008.png](#)
[image009.png](#)

Levi and Michael,

The Department is contacting all consultants for Remedial Party sites to make them aware of recent requirements regarding emerging contaminants 1,4-dioxane and per and polyfluoroalkyl substances (PFAS). Initial sampling will be in media normally sampled as part of the site monitoring program at the next scheduled sampling event.

Analytical Protocols: The detection limit for 1,4-dioxane should be no higher than 0.28 µg/l (ppb). Prior to May 2017, the only analytical method that ELAP offered certification for was USEPA method 8260C. In order to get the appropriate detection limits, the lab would need to use the mass spectrometer in “selective ion monitoring” (SIM) mode. ELAP is now offering certification for 1,4-dioxane for 8270, specifically including the ability to run in SIM mode. 8270 provides a more robust extraction procedure, uses a larger sample volume, and is less vulnerable to interference from chlorinated solvents, while 8260 has been shown to have a higher recovery in some studies. 8270 should generally provide lower detection limits, and we expect this to be the preferred analytical method from this point forward, but we can accept analysis by 8260 when justified.

Environmental sample analysis: ELAP does not currently offer certification for PFAS analysis of non-drinking water samples (including groundwater, soil and sediment), so there is no requirement to use an ELAP certified method. Samples should be analyzed by an environmental laboratory certified by ELAP to use EPA method 537 or ISO 25101. The method to use for environmental samples should be the modified EPA Method 537. Labs have been able to achieve reporting limits for PFOA and PFOS of 2 ng/l (part per trillion) in water and 3 µg/kg (part per billion) in soil and sediment. EPA is working to update SW846, add test methods for PFAS in non-potable water and solids, but those are not expected to be finalized prior to 2018.

Environmental sample reporting: For investigations of soil, surface water, groundwater and sediment, the lab should be directed to report all per- and polyfluoroalkyl substances (PFAS) for which the lab has standards. All data qualifiers should be reported. DER has developed a full PFAS target analyte list (below) with the intent of achieving reporting consistency between labs for commonly reportable analytes. It is expected that reported results for PFAS will include, at a minimum, all the compounds listed. This list is current as of October 2017, and may be updated in the future as new information is learned and as labs develop new capabilities. If lab and/or matrix specific issues are encountered for any particular compounds, the NYSDEC project manager will make case-by-case decisions as to whether particular analytes may be temporarily or permanently discontinued from analysis for each site.

Full PFAS Target Analyte List

Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluorohexanesulfonic acid	PFHxS	355-46-4
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanesulfonic acid	PFOS	1763-23-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluoroalkyl carboxylates	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUA/PFUdA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTriA/PFTrDA	72629-94-8
Perfluorotetradecanoic acid	PFTA/PFTeDA	376-06-7	
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2
	8:2 Fluorotelomer sulfonate	8:2 FTS	39108-34-4
Perfluorooctane-sulfonamides	Perfluorooctanesulfonamide	FOSA	754-91-6
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6

Bold entries depict the 6 original UCMR3 chemicals

Please let me know if you have any questions or concerns.

Thanks, Steve.

Stephen Malsan

Environmental Engineer 2, Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, Albany, NY 12233-7015

P: (518) 402-9646 | F: (518) 402-9627 | stephen.malsan@dec.ny.gov

www.dec.ny.gov |  |  | 

Groundwater Analytical Results – October 2018
5680 Merrick Road, Massapequa, New York

ATTACHMENT 2

NYSDEC Approval of EC Sampling Plan

From: [Levi Curnutte](#)
To: [Malsan, Stephen \(DEC\)](#)
Cc: [Michael Roux](#); [Mashhadi, Matthew N \(DEC\)](#)
Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request
Date: Friday, October 5, 2018 3:39:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Thanks, Steve. We will be back out to sample next Thursday 10/11/2018 (sorry for the typo earlier) and follow up with a report.

Regards,
Levi

Levi Curnutte | Project Scientist/Office Health and Safety Manager

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

From: Malsan, Stephen (DEC) <stephen.malsan@dec.ny.gov>
Sent: Friday, October 05, 2018 3:26 PM
To: Levi Curnutte <lcurnutte@rouxinc.com>
Cc: Michael Roux <mroux@rouxinc.com>; Mashhadi, Matthew N (DEC) <Matthew.Mashhadi@dec.ny.gov>
Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

Levi,

Your well selection for emerging contaminants (1,4-dioxane and PFAS) sampling is acceptable. I have attached a copy of the Easement as you requested along with the guidance for sampling emerging contaminants.

Please let us know when sampling is scheduled.

Thanks, Steve.

From: Levi Curnutte [<mailto:lcurnutte@rouxinc.com>]
Sent: Friday, October 05, 2018 9:12 AM
To: Malsan, Stephen (DEC) <stephen.malsan@dec.ny.gov>
Cc: Michael Roux <mroux@rouxinc.com>
Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Steve,

Nice to see you yesterday. To summarize our sampling plan for next Thursday, October 4, we will be reporting to Gent for routine VOC sampling and adding emerging contaminant sampling. After

diving deeper into relevant documents, it seems like MW-5 was destroyed so the well caps we saw yesterday along the west side of the building were for either SVE/AS monitoring so there is no upgradient well onsite relative to the existing wells. See attached figure from OU-1 ROD.

- Roux will perform VOC sampling at the same wells as the August 2016 round of sampling (MW-1(RR), MW-3, MW-3A, MW-3B, MW-3C, MW-3D, and MW-4).
- Roux will also sample for PFAS/1,4-dioxin at MW-3B (~60 ft deep), MW-3 and MW-4, and MW-1(RR) as a downgradient well.

As discussed, could you also please send us a copy of the executed Environmental Easement that is in your system?

Thanks again,
Levi

Levi Curnutte | Project Scientist/Office Health and Safety Manager

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

From: Levi Curnutte

Sent: Tuesday, September 25, 2018 12:41 PM

To: 'stephen.malsan@dec.ny.gov' <stephen.malsan@dec.ny.gov>

Cc: Michael Roux <mroux@rouxinc.com>

Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

Steve,

Thanks for the call yesterday, apologies that I missed you. If you will be back in the office on Thursday is there a time that we can set up a quick call and introduce ourselves to the new PM for Gent Uniform? We will shoot to make it out there around mid-October to perform groundwater sampling at Gent.

Thanks,

Levi Curnutte | Project Scientist/Office Health and Safety Manager

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

From: Levi Curnutte

Sent: Monday, September 24, 2018 3:06 PM

To: 'stephen.malsan@dec.ny.gov' <stephen.malsan@dec.ny.gov>

Cc: Michael Roux <mroux@rouxinc.com>

Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

Steve,

Thanks again for the call last month August 29 to speak about Gent Uniform and Marcus Garvey. Were any final decisions made by DEC for these projects?

Thanks,

Levi Curnutte | Project Scientist/Office Health and Safety Manager

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

From: Levi Curnutte

Sent: Monday, August 27, 2018 1:38 PM

To: 'stephen.malsan@dec.ny.gov' <stephen.malsan@dec.ny.gov>

Cc: Michael Roux <mroux@rouxinc.com>

Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

Steve,

Good afternoon. Has the Department had the chance to review the request for reduction of EC sampling at Gent Uniform? We would like to schedule this groundwater sampling event as soon as possible. Thanks again, we are available to speak anytime.

Regards,

Levi Curnutte | Project Scientist

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

From: Levi Curnutte

Sent: Tuesday, August 07, 2018 8:28 AM

To: 'stephen.malsan@dec.ny.gov' <stephen.malsan@dec.ny.gov>

Cc: Michael Roux <mroux@rouxinc.com>

Subject: RE: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

Steve,

Hope this message finds you well. I gave your office a call a few times in the last few weeks in the attempts to follow up with the Gent Uniform Site EC sampling. I will continue to do so in hopes of reaching you regarding a decision so that we may schedule the groundwater sampling event.

Thank you,
Levi Curnutte

Levi Curnutte | Project Scientist

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

From: Levi Curnutte

Sent: Friday, July 20, 2018 2:47 PM

To: 'stephen.malsan@dec.ny.gov' <stephen.malsan@dec.ny.gov>

Cc: Michael Roux <mroux@rouxinc.com>

Subject: Gent Uniform Site #130056 - Emergent Contaminant Frequency Reduction Request

Steve,

This message to the Department is regarding the Gent Uniform Site # 1300056 located at 5680 Merrick Road, Massapequa, NY (Site). We are in the process of scheduling another groundwater sampling event at the Site at the same seven (7) wells as we sampled in the most previous groundwater sampling summary letter submitted to the Department on March 23, 2017 (wells MW-1RR, MW-3, MW-3A, MW-3B, MW-3C, MW-3D, MW-4).

We received your e-mail in the winter regarding sampling for the emerging contaminants (ECs) PFAS and 1,4-dioxane in addition to volatile organic compounds (VOCs). The EC notice states that sampling shall be in media normal sampling as part of the site monitoring plan. Roux Environmental Engineering & Geology, D.P.C. (Roux) would like to officially request that the Department modify the frequency of EC sampling and please approve this request to reduce the amount of wells to sample for ECs from seven wells to four. The rationale behind this request is that there is no known history of suspected sources of PFAS/1,4-dioxane contamination at the Site, the close proximity of the wells in relation to one another, and that this would act as a cost-saving technique for the Owners.

Roux is requesting formal approval of this request and will await a decision from the Department prior to performing the next groundwater sampling event. If you would like to discuss this request further, Roux will make themselves available at the convenience of the Department.

Thank you for your time and consideration.
Levi Curnutte

Levi Curnutte | Project Scientist

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2371 | Mobile: 727.743.0304

Email: Lcurnutte@rouxinc.com | Website: www.rouxinc.com



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Groundwater Analytical Results – October 2018
5680 Merrick Road, Massapequa, New York

ATTACHMENT 3

Laboratory Analytical Report



ANALYTICAL REPORT

Lab Number:	L1841283
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Levi Curnutte
Phone:	(631) 232-2600
Project Name:	GENT UNIFORM
Project Number:	1020.0001Y003
Report Date:	11/01/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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

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



Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1841283-01	FB-101118	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 08:45	10/11/18
L1841283-02	MW-4	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 09:00	10/11/18
L1841283-03	DUP-101118	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 09:15	10/11/18
L1841283-04	MW-3	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 11:00	10/11/18
L1841283-05	MW1-RR	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 13:20	10/11/18
L1841283-06	MW-3A	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 10:00	10/11/18
L1841283-07	MW-3B	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 12:00	10/11/18
L1841283-08	MW-3C	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 10:30	10/11/18
L1841283-09	TB-101118	WATER	5680 MERRICK RD., MASSAPEQUA, NY	10/11/18 00:00	10/11/18

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Case Narrative (continued)

Report Submission

November 01, 2018: This final report includes the results of all requested analyses.

October 16, 2018: 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.

Volatile Organics

L1841283-09: The Trip 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.

Perfluorinated Alkyl Acids by Isotope Dilution

L1841283: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1170768-8: The continuing calibration standard, associated with L1841283 as well as the associated QC, had the response for 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) (278.1%) and 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) (215.3%) above the acceptance criteria for the method. The associated target analytes are within acceptance criteria, therefore no further action was taken.

WG1170768-9: The continuing calibration standard, associated with L1841283 as well as the associated QC, had the response for 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS) (226.8%), 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS) (211.6%) and N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) (159.1%D) above the acceptance criteria for the method. The associated target analytes are within acceptance criteria, therefore no further action was taken.

WG1170768-2: The continuing calibration standard, associated with L1841283 as well as the associated QC, had the response for N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA) (178%)

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Case Narrative (continued)

and N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA) (155%) above the acceptance criteria for the method. The associated target analytes are 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:

 Amita Naik

Title: Technical Director/Representative

Date: 11/01/18

ORGANICS

VOLATILES

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-01
Client ID: FB-101118
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 08:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/14/18 22:49
Analyst: PK

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

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-01
 Client ID: FB-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 08:45
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-01
Client ID: FB-101118
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 08:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-02
 Client ID: MW-4
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/18 00:02
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-02
Client ID: MW-4
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-02
Client ID: MW-4
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-03
 Client ID: DUP-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:15
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/18 00:38
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-03
 Client ID: DUP-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:15
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

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

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-03
Client ID: DUP-101118
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:15
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-04
Client ID: MW-3
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 11:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/15/18 01:15
Analyst: PK

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

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-04
Client ID: MW-3
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 11:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-04
Client ID: MW-3
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 11:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-05
 Client ID: MW1-RR
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 13:20
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/18 01:51
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.24	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-05
 Client ID: MW1-RR
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 13:20
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

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

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-05
 Client ID: MW1-RR
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 13:20
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-06
 Client ID: MW-3A
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 10:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/18 02:28
 Analyst: PK

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

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-06
Client ID: MW-3A
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 10:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-06
 Client ID: MW-3A
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 10:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-07
 Client ID: MW-3B
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 12:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/18 03:04
 Analyst: PK

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

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-07
 Client ID: MW-3B
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 12:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-07
Client ID: MW-3B
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 12:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	112		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-08
 Client ID: MW-3C
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

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

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/15/18 03:40
 Analyst: PK

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

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-08
 Client ID: MW-3C
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-08
 Client ID: MW-3C
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

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

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	111		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-09
 Client ID: TB-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 00:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/14/18 23:26
 Analyst: PK

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

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-09
 Client ID: TB-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 00:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.9		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-09
Client ID: TB-101118
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	110		70-130

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/18 20:24
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1168300-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/14/18 20:24
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1168300-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/18 20:24
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1168300-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1168300-3 WG1168300-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	93		90		63-130	3		20
1,1,2-Trichloroethane	94		92		70-130	2		20
Tetrachloroethene	90		90		70-130	0		20
Chlorobenzene	94		93		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	97		94		70-130	3		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	73		73		54-136	0		20
1,1,2,2-Tetrachloroethane	87		88		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	94		93		70-130	1		20
Ethylbenzene	97		97		70-130	0		20
Chloromethane	130		130		64-130	0		20
Bromomethane	62		69		39-139	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1168300-3 WG1168300-4								
Vinyl chloride	120		130		55-140	8		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	98		100		61-145	2		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	88		89		70-130	1		20
1,3-Dichlorobenzene	88		90		70-130	2		20
1,4-Dichlorobenzene	89		90		70-130	1		20
Methyl tert butyl ether	93		95		63-130	2		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	89		87		64-130	2		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	110		110		58-148	0		20
Carbon disulfide	97		100		51-130	3		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	91		90		59-130	1		20
2-Hexanone	99		100		57-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1168300-3 WG1168300-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	93		90		70-130	3		20
1,3-Dichloropropane	96		96		70-130	0		20
1,1,1,2-Tetrachloroethane	95		94		64-130	1		20
Bromobenzene	90		91		70-130	1		20
n-Butylbenzene	98		97		53-136	1		20
sec-Butylbenzene	89		91		70-130	2		20
tert-Butylbenzene	87		89		70-130	2		20
o-Chlorotoluene	94		96		70-130	2		20
p-Chlorotoluene	93		94		70-130	1		20
1,2-Dibromo-3-chloropropane	72		63		41-144	13		20
Hexachlorobutadiene	94		92		63-130	2		20
Isopropylbenzene	91		91		70-130	0		20
p-Isopropyltoluene	92		92		70-130	0		20
Naphthalene	78		83		70-130	6		20
n-Propylbenzene	94		94		69-130	0		20
1,2,3-Trichlorobenzene	82		88		70-130	7		20
1,2,4-Trichlorobenzene	89		87		70-130	2		20
1,3,5-Trimethylbenzene	92		94		64-130	2		20
1,2,4-Trimethylbenzene	95		96		70-130	1		20
1,4-Dioxane	108		104		56-162	4		20
p-Diethylbenzene	93		93		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Project Number: 1020.0001Y003

Lab Number: L1841283

Report Date: 11/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1168300-3 WG1168300-4								
p-Ethyltoluene	90		91		70-130	1		20
1,2,4,5-Tetramethylbenzene	91		91		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	96		94		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		116		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	106		107		70-130

SEMIVOLATILES

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-01
 Client ID: FB-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 08:45
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/23/18 05:17
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/18/18 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	69.4	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			29		15-110	

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-01
Client ID: FB-101118
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 08:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 122,537(M)
Analytical Date: 10/23/18 08:41
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.117	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.076	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.098	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.78	0.113	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.083	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.096	1
Perfluorooctanoic Acid (PFOA)	0.096	J	ng/l	1.78	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.239	J	ng/l	1.78	0.173	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.138	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.78	0.100	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.170	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	0.260	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.224	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.171	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.198	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.202	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.333	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.081	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.064	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-01
 Client ID: FB-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 08:45
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	122		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	295	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	238	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	122		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		33-143

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-02
 Client ID: MW-4
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/23/18 05:45
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/18/18 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	72.1	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			27		15-110	

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-02
Client ID: MW-4
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 122,537(M)
Analytical Date: 10/23/18 08:58
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.92		ng/l	1.80	0.118	1
Perfluoropentanoic Acid (PFPeA)	4.77		ng/l	1.80	0.077	1
Perfluorobutanesulfonic Acid (PFBS)	4.59		ng/l	1.80	0.099	1
Perfluorohexanoic Acid (PFHxA)	4.98		ng/l	1.80	0.114	1
Perfluoroheptanoic Acid (PFHpA)	4.72		ng/l	1.80	0.083	1
Perfluorohexanesulfonic Acid (PFHxS)	4.90		ng/l	1.80	0.097	1
Perfluorooctanoic Acid (PFOA)	16.2		ng/l	1.80	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.320	J	ng/l	1.80	0.174	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.140	1
Perfluorononanoic Acid (PFNA)	2.16		ng/l	1.80	0.091	1
Perfluorooctanesulfonic Acid (PFOS)	62.8		ng/l	1.80	0.100	1
Perfluorodecanoic Acid (PFDA)	2.25		ng/l	1.80	0.171	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	0.262	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.225	1
Perfluoroundecanoic Acid (PFUnA)	0.759	J	ng/l	1.80	0.172	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.200	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.204	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.335	1
Perfluorododecanoic Acid (PFDoA)	0.500	J	ng/l	1.80	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.081	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.065	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-02
Client ID: MW-4
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	119		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	115		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	202		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	210	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	98		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	64		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		33-143

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-03
 Client ID: DUP-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:15
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/23/18 07:08
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/18/18 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	72.1	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			29		15-110	

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-03
Client ID: DUP-101118
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:15
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 122,537(M)
Analytical Date: 10/23/18 09:48
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.17		ng/l	1.82	0.119	1
Perfluoropentanoic Acid (PFPeA)	4.89		ng/l	1.82	0.078	1
Perfluorobutanesulfonic Acid (PFBS)	4.53		ng/l	1.82	0.100	1
Perfluorohexanoic Acid (PFHxA)	5.21		ng/l	1.82	0.115	1
Perfluoroheptanoic Acid (PFHpA)	4.92		ng/l	1.82	0.084	1
Perfluorohexanesulfonic Acid (PFHxS)	4.70		ng/l	1.82	0.098	1
Perfluorooctanoic Acid (PFOA)	16.2		ng/l	1.82	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.82	0.176	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.141	1
Perfluorononanoic Acid (PFNA)	2.04		ng/l	1.82	0.092	1
Perfluorooctanesulfonic Acid (PFOS)	57.8		ng/l	1.82	0.101	1
Perfluorodecanoic Acid (PFDA)	2.28		ng/l	1.82	0.173	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	0.264	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.228	1
Perfluoroundecanoic Acid (PFUnA)	0.782	J	ng/l	1.82	0.174	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.202	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.206	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.339	1
Perfluorododecanoic Acid (PFDoA)	0.334	J	ng/l	1.82	0.083	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.082	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.82	0.065	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-03
 Client ID: DUP-101118
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 09:15
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	185		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	173	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	109		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	86		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	61		33-143

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-04
 Client ID: MW-3
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 11:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/23/18 07:36
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/18/18 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	69.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	31		15-110

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-04
Client ID: MW-3
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 11:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 122,537(M)
Analytical Date: 10/23/18 10:04
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.8		ng/l	1.78	0.117	1
Perfluoropentanoic Acid (PFPeA)	11.6		ng/l	1.78	0.076	1
Perfluorobutanesulfonic Acid (PFBS)	8.28		ng/l	1.78	0.098	1
Perfluorohexanoic Acid (PFHxA)	10.3		ng/l	1.78	0.112	1
Perfluoroheptanoic Acid (PFHpA)	6.94		ng/l	1.78	0.082	1
Perfluorohexanesulfonic Acid (PFHxS)	3.08		ng/l	1.78	0.096	1
Perfluorooctanoic Acid (PFOA)	26.4		ng/l	1.78	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	0.172	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.138	1
Perfluorononanoic Acid (PFNA)	2.97		ng/l	1.78	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	24.1		ng/l	1.78	0.099	1
Perfluorodecanoic Acid (PFDA)	0.576	J	ng/l	1.78	0.169	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	0.259	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.223	1
Perfluoroundecanoic Acid (PFUnA)	0.416	J	ng/l	1.78	0.170	1
Perfluorodecanesulfonic Acid (PFDS)	0.701	J	ng/l	1.78	0.198	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.202	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.332	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.080	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.064	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-04
 Client ID: MW-3
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 11:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	209		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	171	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	101		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	86		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	60		33-143

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-05
 Client ID: MW1-RR
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 13:20
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/23/18 08:05
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 10/18/18 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	69.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	29		15-110

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-05
Client ID: MW1-RR
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 13:20
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 122,537(M)
Analytical Date: 10/23/18 10:21
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.74		ng/l	1.73	0.113	1
Perfluoropentanoic Acid (PFPeA)	8.79		ng/l	1.73	0.074	1
Perfluorobutanesulfonic Acid (PFBS)	6.93		ng/l	1.73	0.095	1
Perfluorohexanoic Acid (PFHxA)	9.66		ng/l	1.73	0.109	1
Perfluoroheptanoic Acid (PFHpA)	6.90		ng/l	1.73	0.080	1
Perfluorohexanesulfonic Acid (PFHxS)	2.71		ng/l	1.73	0.093	1
Perfluorooctanoic Acid (PFOA)	24.6		ng/l	1.73	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.73	0.168	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.73	0.134	1
Perfluorononanoic Acid (PFNA)	1.99		ng/l	1.73	0.087	1
Perfluorooctanesulfonic Acid (PFOS)	25.0		ng/l	1.73	0.097	1
Perfluorodecanoic Acid (PFDA)	1.12	J	ng/l	1.73	0.165	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.73	0.252	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.01	J	ng/l	1.73	0.217	1
Perfluoroundecanoic Acid (PFUnA)	0.841	J	ng/l	1.73	0.165	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.73	0.192	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.73	0.196	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.73	0.322	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.73	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.73	0.078	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.73	0.062	1

Project Name: GENT UNIFORM**Lab Number:** L1841283**Project Number:** 1020.0001Y003**Report Date:** 11/01/18**SAMPLE RESULTS**

Lab ID: L1841283-05

Date Collected: 10/11/18 13:20

Client ID: MW1-RR

Date Received: 10/11/18

Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	189		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	222	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	112		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	69		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	64		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		33-143

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-07
Client ID: MW-3B
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 12:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/23/18 08:34
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 10/18/18 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	227	114.	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			43		15-110	

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-07
Client ID: MW-3B
Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 12:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 122,537(M)
Analytical Date: 10/23/18 10:37
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.92		ng/l	2.12	0.139	1
Perfluoropentanoic Acid (PFPeA)	3.08		ng/l	2.12	0.091	1
Perfluorobutanesulfonic Acid (PFBS)	0.907	J	ng/l	2.12	0.116	1
Perfluorohexanoic Acid (PFHxA)	7.92		ng/l	2.12	0.134	1
Perfluoroheptanoic Acid (PFHpA)	4.98		ng/l	2.12	0.098	1
Perfluorohexanesulfonic Acid (PFHxS)	3.82		ng/l	2.12	0.114	1
Perfluorooctanoic Acid (PFOA)	18.2		ng/l	2.12	0.053	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.31		ng/l	2.12	0.206	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.12	0.164	1
Perfluorononanoic Acid (PFNA)	741		ng/l	2.12	0.107	1
Perfluorooctanesulfonic Acid (PFOS)	7.25		ng/l	2.12	0.118	1
Perfluorodecanoic Acid (PFDA)	18.7		ng/l	2.12	0.202	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.12	0.308	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.12	0.265	1
Perfluoroundecanoic Acid (PFUnA)	533		ng/l	2.12	0.202	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.12	0.236	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.12	0.240	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.19		ng/l	2.12	0.395	1
Perfluorododecanoic Acid (PFDoA)	4.81		ng/l	2.12	0.097	1
Perfluorotridecanoic Acid (PFTrDA)	47.5		ng/l	2.12	0.096	1
Perfluorotetradecanoic Acid (PFTA)	0.462	J	ng/l	2.12	0.076	1

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

SAMPLE RESULTS

Lab ID: L1841283-07
 Client ID: MW-3B
 Sample Location: 5680 MERRICK RD., MASSAPEQUA, NY

Date Collected: 10/11/18 12:00
 Date Received: 10/11/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	121		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	239		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	187	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	116		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	39		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		33-143

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 122,537(M)
Analytical Date: 10/22/18 10:37
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-05,07 Batch: WG1168980-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.131
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.086
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.110
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.126
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.092
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.108
Perfluorooctanoic Acid (PFOA)	0.140	J	ng/l	2.00	0.050
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.284	J	ng/l	2.00	0.194
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.155
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.101
Perfluorooctanesulfonic Acid (PFOS)	0.140	J	ng/l	2.00	0.112
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.190
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	0.291
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.250
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.191
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.222
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.227
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.373
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.092
Perfluorotridecanoic Acid (PFTrDA)	0.100	J	ng/l	2.00	0.090
Perfluorotetradecanoic Acid (PFTA)	0.120	J	ng/l	2.00	0.072

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 122,537(M)
Analytical Date: 10/22/18 10:37
Analyst: AJ

Extraction Method: EPA 537
Extraction Date: 10/17/18 08:18

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-05,07 Batch: WG1168980-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	134		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	106		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	108		33-143

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM

Extraction Method: EPA 3510C

Analytical Date: 10/22/18 15:18

Extraction Date: 10/18/18 14:00

Analyst: PS

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-05,07 Batch: WG1169679-1					
1,4-Dioxane	ND		ng/l	150	75.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1168980-2 WG1168980-3								
Perfluorobutanoic Acid (PFBA)	103		102		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	108		107		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	103		100		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	102		106		69-168	4		30
Perfluoroheptanoic Acid (PFHpA)	101		96		58-159	5		30
Perfluorohexanesulfonic Acid (PFHxS)	101		101		69-177	0		30
Perfluorooctanoic Acid (PFOA)	96		100		63-159	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	122		115		49-187	6		30
Perfluoroheptanesulfonic Acid (PFHpS)	125		122		61-179	2		30
Perfluorononanoic Acid (PFNA)	99		101		68-171	2		30
Perfluorooctanesulfonic Acid (PFOS)	94		100		52-151	6		30
Perfluorodecanoic Acid (PFDA)	110		110		63-171	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		124		56-173	12		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		118		60-166	13		30
Perfluoroundecanoic Acid (PFUnA)	115		110		60-153	4		30
Perfluorodecanesulfonic Acid (PFDS)	105		102		38-156	3		30
Perfluorooctanesulfonamide (FOSA)	97		94		46-170	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		112		45-170	11		30
Perfluorododecanoic Acid (PFDoA)	104		98		67-153	6		30
Perfluorotridecanoic Acid (PFTrDA)	95		98		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	117		106		59-182	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1168980-2 WG1168980-3

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		93		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		87		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		95		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		87		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		96		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		95		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		92		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		134		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		92		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	113		103		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	128		110		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		77		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		32		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	112		100		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		71		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	109		101		33-143

Lab Control Sample Analysis Batch Quality Control

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1169679-2 WG1169679-3								
1,4-Dioxane	106		107		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	36		44		15-110

Matrix Spike Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1168980-4 WG1168980-5 QC Sample: L1841283-02 Client ID: MW-4												
Perfluorobutanoic Acid (PFBA)	4.92	36.6	42.7	103		42.6	104		67-148	0		30
Perfluoropentanoic Acid (PFPeA)	4.77	36.6	43.9	107		42.7	105		63-161	3		30
Perfluorobutanesulfonic Acid (PFBS)	4.59	36.6	43.4	106		41.1	101		65-157	5		30
Perfluorohexanoic Acid (PFHxA)	4.98	36.6	42.6	103		43.1	106		69-168	1		30
Perfluoroheptanoic Acid (PFHpA)	4.72	36.6	39.2	94		40.1	98		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	4.90	36.6	41.7	100		44.3	109		69-177	6		30
Perfluorooctanoic Acid (PFOA)	16.2	36.6	52.4	99		53.2	102		63-159	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.320J	36.6	45.7	125		50.2	139		49-187	9		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.6	44.4	121		49.6	137		61-179	11		30
Perfluorononanoic Acid (PFNA)	2.16	36.6	40.3	104		37.1	97		68-171	8		30
Perfluorooctanesulfonic Acid (PFOS)	62.8	36.6	91.6	79		103	111		52-151	12		30
Perfluorodecanoic Acid (PFDA)	2.25	36.6	40.0	103		42.7	112		63-171	7		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.6	41.8	114		56.3	156		56-173	30		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.6	31.8	87		32.2	89		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	0.759J	36.6	35.8	98		35.0	97		60-153	2		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.6	32.4	88		30.5	84		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	ND	36.6	37.8	103		37.1	103		46-170	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.6	36.3	99		37.1	103		45-170	2		30
Perfluorododecanoic Acid (PFDoA)	0.500J	36.6	36.8	100		33.2	92		67-153	10		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.6	30.7	84		29.7	82		48-158	3		30
Perfluorotetradecanoic Acid (PFTTA)	ND	36.6	35.5	97		40.4	112		59-182	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1168980-4 WG1168980-5 QC Sample: L1841283-02 Client ID: MW-4

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	220	Q	171	Q	7-170
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	213		194		1-244
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		87		23-146
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	112		128		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		89		40-144
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		81		38-144
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		98		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		103		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	113		104		47-153
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		67		33-143
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		90		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		90		16-173
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		19		1-87
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		95		42-146
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73		88		36-149
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		85		34-146
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	121		121		31-159

Matrix Spike Analysis Batch Quality Control

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab MW-4 Associated sample(s): 01-05,07 QC Batch ID: WG1169679-4 WG1169679-5 QC Sample: L1841283-02 Client ID:												
1,4-Dioxane	ND	4720	5020	106		5060	105		40-140	1		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	27		31		15-110

Project Name: GENT UNIFORM**Lab Number:** L1841283**Project Number:** 1020.0001Y003**Report Date:** 11/01/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841283-01A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-01B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-01C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-01D	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-01E	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-01F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-01G	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-02A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-02B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-02C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-02D	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-02D1	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-02E	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-02E1	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-02F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-02F1	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-02G	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-02G1	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-03A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-03B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-03C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-03D	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-03E	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: GENT UNIFORM

Lab Number: L1841283

Project Number: 1020.0001Y003

Report Date: 11/01/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841283-03F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-03G	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-04A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-04B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-04C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-04D	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-04E	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-04F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-04G	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-05A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-05B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-05C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-05D	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-05E	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-05F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-05G	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-06A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-06B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-06C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-07A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-07B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-07C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-07D	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-07E	Plastic 250ml Trizma preserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L1841283-07F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L1841283-08A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-08B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-08C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Serial_No:11011815:02
Lab Number: L1841283
Report Date: 11/01/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841283-09A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1841283-09B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)

Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
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.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

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

Terms

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers



Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

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 exceedances are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: GENT UNIFORM
Project Number: 1020.0001Y003

Lab Number: L1841283
Report Date: 11/01/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 122 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS). EPA Method 537, EPA/600/R-08/092. Version 1.1, September 2009.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

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

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

 ALPHA <small>ANALYTICAL</small>	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 <u>1</u>	Date Rec'd in Lab <u>10/12/18</u>	ALPHA Job # <u>L184283</u>						
			of <u>1</u>								
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information					
Client Information		Project Name: <u>Gert Uniform</u>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUiS (1 File) <input type="checkbox"/> EQUiS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #					
Client: <u>ROUX ASSOCIATES</u>		Project Location: <u>5680 Merrick Rd, Massapequa, NY</u>		Regulatory Requirement		Disposal Site Information					
Address: <u>209 Shafter St Islip, NY 11749</u>		Project # <u>1020-00014003</u>									
Phone: <u>631-232-2600</u>		(Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input checked="" type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:					
Fax:		Project Manager: <u>Levi Cornutte</u>									
Email: <u>lcornutte@rouxinc.com</u>		ALPHAQuote #:		ANALYSIS		Sample Filtration					
Turn-Around Time		Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:									
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <u>RUN ME/MSD (PAAS + 1,4 Dioxane) on MW-4</u> <u>IC: mroux@rouxinc.com</u>		Please specify Metals or TAL.		1,4 Dioxane EPA SEM PAAS - 537 Isotope VOCs 8260C		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)					
ALPHA Lab ID (Lab Use Only)		Sample ID						Collection		Sample Matrix	
				Date Time							
<u>41283-01</u>		<u>FB-10118</u>		<u>10/11/18 8:45</u>		<u>GW</u>		<u>NP</u>		<u>X X X</u>	
<u>27036-01</u>		<u>MW-4</u>		<u>9:00</u>		<u>NP</u>		<u>NP</u>		<u>X X X</u>	
<u>03</u>		<u>DUP-10118</u>		<u>9:15</u>		<u>NP</u>		<u>NP</u>		<u>X X X</u>	
<u>27036-02</u>		<u>MW-3</u>		<u>11:00</u>		<u>NP</u>		<u>NP</u>		<u>X X X</u>	
<u>27036-05</u>		<u>MW-RR</u>		<u>1320</u>		<u>LL</u>		<u>LL</u>		<u>X X X</u>	
<u>27036-03</u>		<u>MW-3A</u>		<u>1000</u>		<u>LL</u>		<u>LL</u>		<u>X X X</u>	
<u>07</u>		<u>MW-3B</u>		<u>1200</u>		<u>LL</u>		<u>LL</u>		<u>X X X</u>	
<u>08</u>		<u>MW-3C</u>		<u>1030</u>		<u>LL</u>		<u>LL</u>		<u>X X X</u>	
<u>09</u>		<u>TB-10118</u>		<u>-</u>		<u>LL</u>		<u>LL</u>		<u>X X X</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A P V A A B		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
				Relinquished By:		Date/Time		Received By:			
				<u>Paul Mayella</u>		<u>10/11/18 1446</u>		<u>Paul Mayella</u>		<u>10/11/18 1446</u>	
				<u>Paul Mayella</u>		<u>10/12/18 0040</u>		<u>Paul Mayella</u>		<u>10/12/18 0040</u>	