ADDENDUM TO FINAL
REMEDIAL INVESTIGATION REPORT
CLAREMONT POLYCHEMICAL RI/FS
OFF-SITE GROUNDWATER PLUME
(NYSDEC Site Number 130015)

NYSDEC STANDBY ENGINEERING CONTRACT
Work Assignment #D007625-43

PREPARED FOR
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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1.0 INTRODUCTION

This addendum to the Remedial Investigation (RI) Report for the Claremont Polychemical (CPC) Site (Figure 1) was prepared by Henningson, Durham & Richardson, Architecture and Engineering PC (HDR), in association with HDR Engineering, Inc. as part of the NYSDEC Contract D007625, Work Assignment #43. This RI addendum presents the results of the second round (hereafter referred to as Round 2) of groundwater sampling from the four permanent monitoring wells installed and sampled (Round 1) in 2018.

1.1 Monitoring Well Sampling

The groundwater investigation included construction and sampling of four monitoring wells. Three of the well screen intervals were installed at the depth of the highest volatile organic compound (VOC) concentrations detected in the vertical profile boring (VPB) samples during well installation. One was installed as a sentinel well with a screen at the same depth as the nearest public water supply well for monitoring of upgradient groundwater in close proximity to the supply well. The monitoring well locations are shown on Figure 2 and the construction information is presented in Table 1.

Table 1 – Monitoring Well Construction Details

Monitoring Well	Screened Zone (ft. bgs)	Well Diameter (inch)	Northing	Easting
MW-CPC-36	246-256	2.5	1138189.16	208965.80
MW-CPC-37	440-450	2.5	1139664.98	208768.84
MW-CPC-38	384-394	2.5	1139992.26	208995.95
MW-CPC-39	370-390	2.5	1140843.03	208739.78

HDR conducted the first round of monitoring well sampling on October 31 through November 9, 2018, and the second round of sampling on March 12 through 14, 2019. Groundwater samples were collected using the low-flow sampling method "USEPA Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from monitoring Wells dated January 19, 2010".

The intake of the Geo-Tech PFC-free portable bladder pump was installed at the mid-point in the screens, or biased to a high concentration value observed during the VPB sampling. Monitoring

wells were purged until the low-flow parameters (turbidity, dissolved oxygen, specific conductivity, temperature, pH, and oxidation/reduction potential) stabilized in accordance with EPA's low-flow method. Low flow sampling logs are provided in Appendix A.

Special sample handling and equipment considerations were required when collecting samples for PFOS/PFOA analysis because of the frequent presence of PFCs in common consumer products and in equipment typically used for groundwater sampling. Prior sampling for PFOS/PFOA analysis, the field crews completed PFC Sampling Checklists to document the steps taken to minimize the risk for cross-contamination in the field (Appendix B). Field QC samples including equipment blanks were collected to confirm no residual PFCs were present on sampling equipment and consumables. Decontamination between samples was conducted for all non-dedicated equipment to prevent possible cross-contamination of samples. Following sample collection, the disposable bladders in the pump were replaced, and the pump and drop down tubing were decontaminated with Alconox® Powdered Precision Cleaner and deionized water.

All groundwater samples were analyzed for Target Compound List (TCL) VOCs by EPA Method 8260C; 1,4-Dioxane by EPA Method 8270C SIM; Perfluorooctane sulfonic acid (PFOS), Perfluorooctanoic acid (PFOA), and 19 other perfluorinated compounds by modified EPA Method 537. NYSDEC Standby Laboratory Contractor Test America of Edison, NJ conducted all of the laboratory analyses. A data usability summary report was completed by Data Validation Services as a subcontractor to HDR (Appendix C).

1.2 Investigation Derived Waste

HDR containerized and transferred the purge water to a wet well at the CPC OU-5 Groundwater Extraction and Treatment System at 150 Winding Road for treatment.

1.3 Round 2 Groundwater Sampling Results

The Round 2 sampling event included four groundwater samples, one from each monitoring well, two equipment blanks, one duplicate sample, one MS and three trip blanks. Table 2 presents the contaminants of concern analytical results for both Rounds 1 and 2. Complete data summary tables are provided in Appendix D.

Table 2 – Ranges of Concentrations of Exceedances in Low-Flow Samples

Analytical Method/ Detected Constituents	Standard or Criteria	Round 1 (2018)			Round 2 (2019)		
		Concentration Range Detected		Frequency Exceeding Standard/Total # of Samples	Concentration Range Detected		Frequency Exceeding Standard/Total # of Samples
E537-LL (Modified) (ng/L)							
Perfluorooctanoic acid (PFOA)	10	0.37	134	2/9	0.4	145	3/6
Perfluorooctane sulfonic acid (PFOS)	10	1.74	191	2/9	10.5	167	3/6
SW8260C (µg/L)							
1,4-Dioxane	1	0.021	7.8	4/9	0.26	7.3	3/6
Cis-1,2-Dichloroethylene (cDCE)	5	1	37	3/9	4.8	39	2/6
Tetrachloroethylene (PCE)	5	1	66	3/9	U	67	1/6
Benzene	1	1	53	3/9	U	70	1/6
Trichloroethylene (TCE)	5	1	9	3/9	U	7.8	1/6
1,2-Dichloroethane (DCA)	0.6	1	2.1	3/9	U	U	0/6

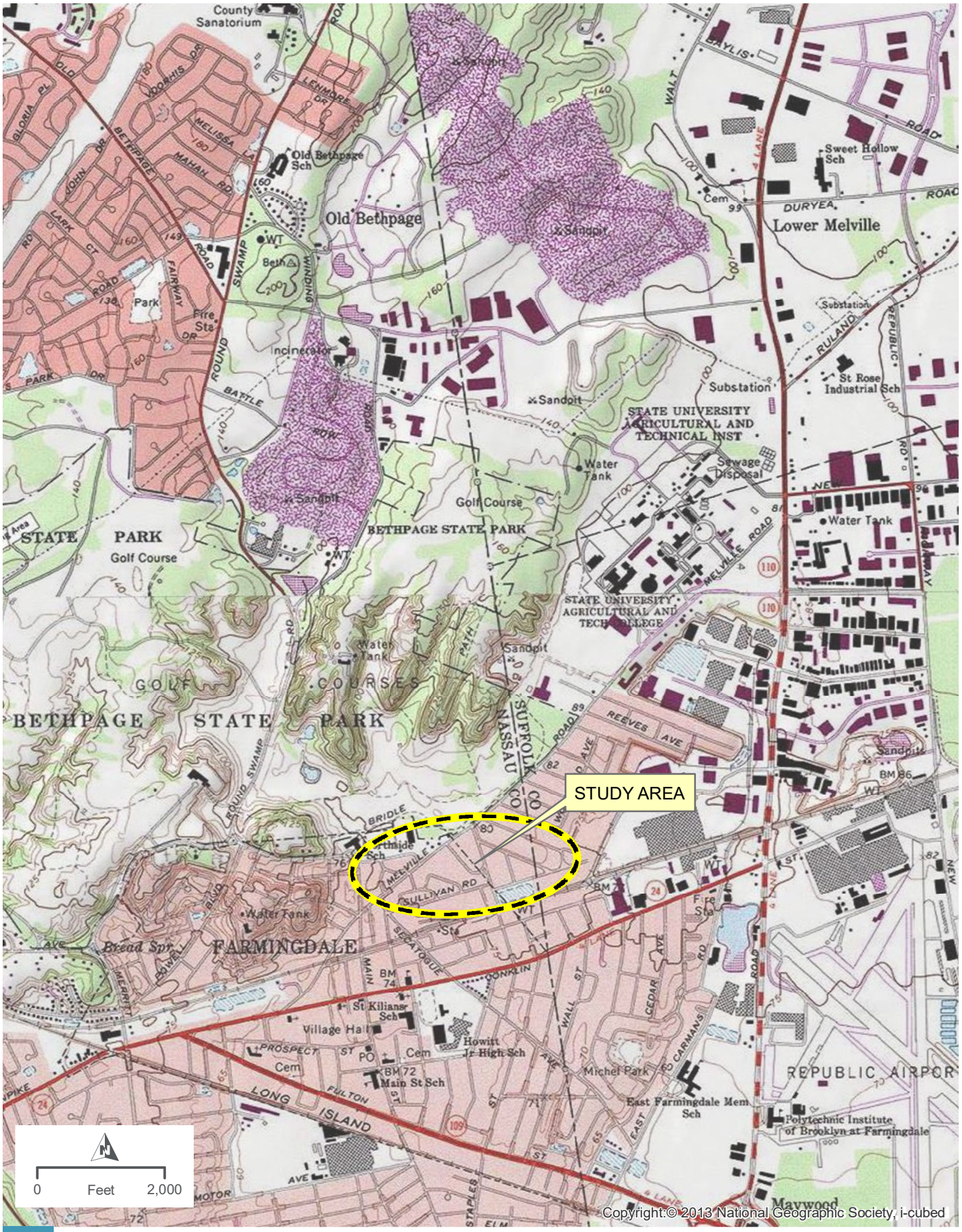
Almost no variation in contaminant concentrations is evident between the analytical results for Rounds 1 and 2. Refer to the RI report dated March 2019 for detailed information on activities and results prior to the Round 2 groundwater sampling event. Round 2 well sampling and reporting completes HDR's scope of work for the RI.

2.0 CERTIFICATION

I, Patricia Parvis, certify that I am currently a NYS registered professional geologist and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Patricia Parvis, P.G.
NYS License #000323

Figures

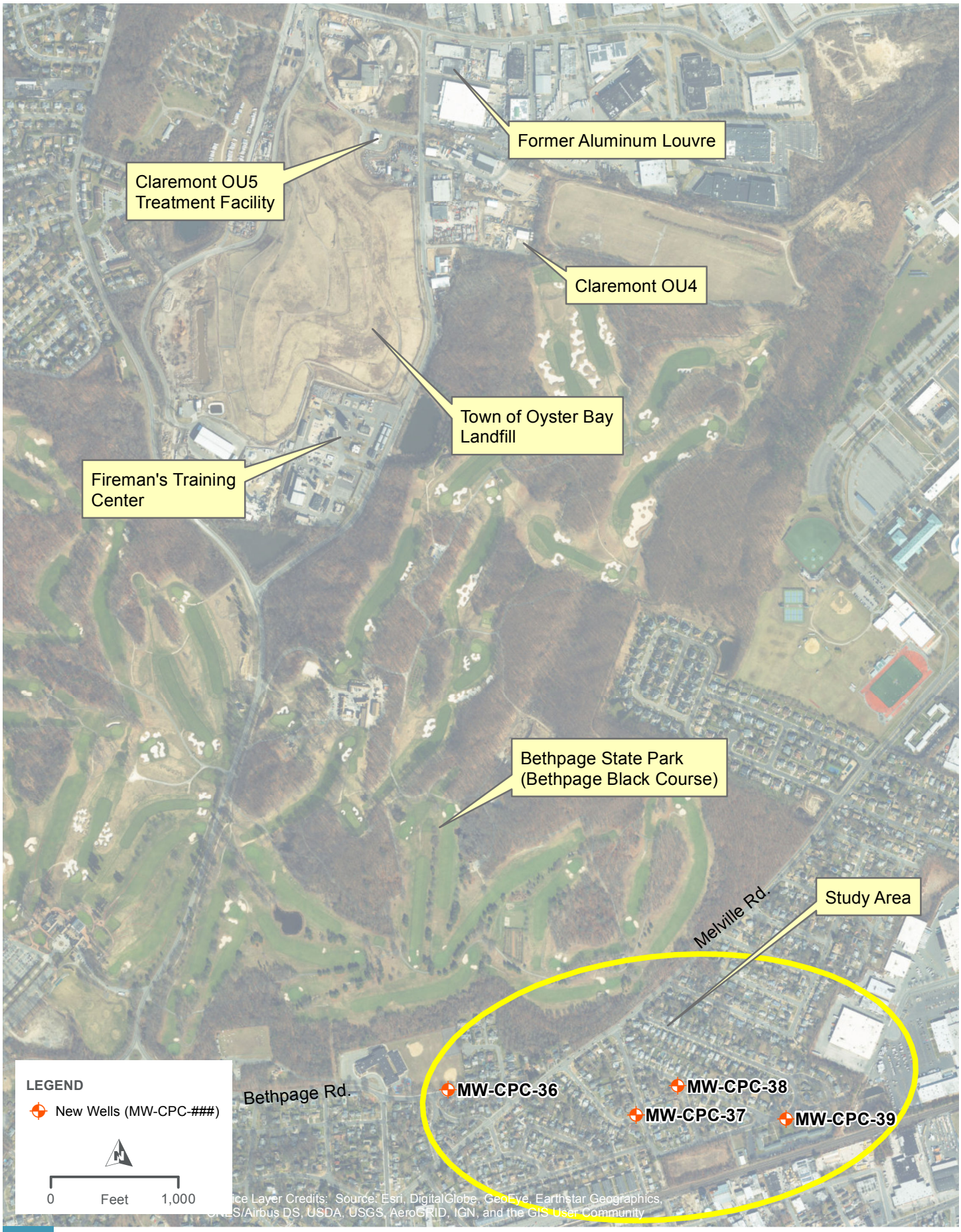


SITE LOCATION (OLD BETHPAGE, NY)

NYSDEC SITE #130015 CLAREMONT POLYCHEMICAL RI

FIGURE 1

PATH: \\ANY-SRV1\ACTIVEPROJECTS\4492\10109218\7.0_GIS_MODELS\7.2_WIP\MAP_DOCS\RI 2018\FIGURE 1 - SITE LOCATION.MXD - USER: CMILLS - DATE: 12/11/2018



HDR

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SITE FEATURES & MONITORING WELLS

NYSDEC SITE #130015 CLAREMONT POLYCHEMICAL RI

FIGURE 2

PATH: \\ANY-SRV1\ACTIVEPROJECTS\4492\10109218\7.0_GIS_MODELS\7.2_WIP\MAP_DOCS\RI 2018\FIGURE 2 - SITE FEATURES.MXD - USER: JEBECKER - DATE: 5/7/2019

Appendix A
Low Flow Sampling Logs

Well Sampling Log

Well ID No.: MW-CP-36

Well Casing Type:	2.5" Sch 80 PVC	**Start SWL:**	19.62	**Project:**	DEC Claremont Polychemical RI/FS
Well Depth:**	256	**Water Column Ht.:**	236.38	**Date:**	3/12/2018
Screened Interval:	246 - 255.7	**Well Volume (gallons):**	55.27	**Crew:**	KM/MP
Well Elevation:**	75.93	**SWL During Sampling:**	19.61	**Pump Intake (ft)**	**251**
Well Diameter (in.)	2.5	**Sample Time:**	1520	**Meters Used:**	Horiba U-52, LaMotte 220
Well Condition:	New	**Sample Method:**	Bladder Pump	**PID Head Space (ppm):**	NA
Weather Conditions:	34F, cloudy, NW 10-15mph	**Sample Analyses:**	VOC, PFCs, 1,4-Dioxane	**Sample ID:**	MW-CP-36-R2-GW-251-20190312-0
Comments:	Equipment Blank taken at 1645: MW-CP-36-R2-GW-251-20190312-2				

Notes: * - Measurement taken from top of well casing

Time	Est. Liters. Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (ms/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
1055											19.52	pump on
1105		0.3	10.19	0.368	-36	0.89	6.43	0.24	0.2	74.7	19.45	
1110	1.5	0.3	10.56	0.364	-54	0.5	6.49	0.236	0.2	101	19.45	
1115	3	0.3	10.51	0.37	-67	0	6.52	0.242	0.2	OR	19.59	
1120	4.5	0.3	10.2	0.408	-90	0	6.8	0.267	0.2	OR	19.59	
1125	6	0.3	9.85	0.44	-101	0	6.92	0.26	0.2	OR	19.59	reinitialized Horiba after reading due to DO
1130	7.5	0.3	9.72	0.596	-96	0.76	6.78	0.382	0.2	23.5	19.59	
1135	9	0.3	11.26	0.523	-78	11.03	6.75	0.335	0.3	OR	19.59	
1140	10.5	0.3	11.57	0.519	-82	10.54	6.69	0.332	0.2	OR	19.6	Lamotte: 1450 AU
1145	12	0.3	11.42	0.538	-84	9.57	6.57	0.344	0.3	OR	19.6	disconnected from Horiba to purge due to high turbidity
	37.5											no readings on horiba taken, turbdy overrange for LaMotte
1330	39	0.3	10.98	0.456	-1	2.05	6.1	0.297	0.2	254	19.6	reconnected to Horiba due to decrease in visual turbidity
1335	40.5	0.3	11.01	0.458	-4	1.86	6.12	0.297	0.2	251	19.6	
1340	42	0.3	11	0.458	-6	1.62	6.13	0.297	0.2	256	19.6	
1345	43.5	0.3	10.97	0.46	-9	1.44	6.15	0.299	0.2	268	19.6	
1350	45	0.35	10.92	0.459	-11	1.36	6.17	0.299	0.2	285	19.6	
1355	46.75	0.35	10.9	0.461	-13	1.26	6.18	0.299	0.2	212	19.61	
1400	48.5	0.35	10.98	0.461	-14	1.07	6.18	0.297	0.2	185	19.61	
1405	50.25	0.35	10.98	0.462	-15	1.08	6.18	0.3	0.2	153	19.61	
1410	52	0.35	11.02	0.461	-16	1.01	6.19	0.301	0.2	132	19.61	
1415	53.75	0.35	11.08	0.461	-18	0.94	6.2	0.3	0.2	117	19.61	
1420	55.5	0.35	11.15	0.461	-19	0.93	6.2	0.3	0.2	112	19.61	
1425	57.25	0.25	11.23	0.46	-19	0.91	6.2	0.299	0.2	119	19.61	
1430	58.5	0.25	11.31	0.459	-20	0.86	6.21	0.298	0.2	103	19.61	
1435	59.75	0.25	11.33	0.457	-20	0.83	6.22	0.297	0.2	90.1	19.61	
1440	61	0.25	11.38	0.456	-21	0.79	6.22	0.297	0.2	88.3	19.61	
1445	62.25	0.25	11.42	0.456	-22	0.74	6.23	0.296	0.2	79.4	19.61	
1450	63.5	0.25	11.41	0.455	-22	0.82	6.23	0.296	0.2	78.6	19.61	
1455	64.75	0.25	11.41	0.455	-23	0.94	6.24	0.296	0.2	79.3	19.61	
1500	66	0.25	11.41	0.455	-23	1.01	6.24	0.295	0.2	79.1	19.61	
1505	67.25	0.25	11.35	0.452	-24	1.03	6.24	0.294	0.2	78.8	19.61	
1510	68.5	0.25	11.4	0.453	-24	1.06	6.24	0.295	0.2	77.4	19.61	
1515	69.75	0.25	11.43	0.455	-24	1	6.24	0.296	0.2	79.7	19.61	
1520	71											Sample

Well Sampling Log

Well ID No.: MW-CP-37

Well Casing Type:	2.5" Sch 80 PVC	**Start SWL:**	23.86	**Project:**	DEC Claremont Polychemical RI/FS
Well Depth:**	450	**Water Column Ht.:**	426.14	**Date:**	3/13/2018
Screened Interval:	440 - 450	**Well Volume (gallons):**	108.66	**Crew:**	KM/MP
Well Elevation:**	78.26	**SWL During Sampling:**	23.86	**Pump Intake (ft)**	**445**
Well Diameter (in.)	2.5	**Sample Time:**	0955	**Meters Used:**	Horiba U-52, LaMotte 220
Well Condition:	New	**Sample Method:**	Bladder Pump	**PID Head Space (ppm):**	NA
Weather Conditions:	28F, clear, NW 0-5 mph	**Sample Analyses:**	VOC, PFCs, 1,4-Dioxane	**Sample ID:**	MW-CP-37-R2-GW-445-20190313-0
Comments:	Duplicate Taken at 0955: MW-CPC-37-R1-GW-445-20190313-1				

Notes: * - Measurement taken from top of well casing

Time	Est. Liters. Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (ms/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
0818											23.78	pump on
0825		0.3									23.8	Pump started; not connected to Horiba- high visual turbidity
0850	1.5	0.3	8.91	0.333	111	11.41	4.63	0.217	0.1		23.85	hooked up to Horiba to take readings
0855	3.0	0.3	11.54	0.246	108	10.48	5.39	0.16	0.1	4.4	23.85	
0900	4.5	0.3	11.72	0.288	109	9.7	4.72	0.187	0.1	137	23.85	LaMotte Turbidity Reading
0905	6.0	0.3	11.66	0.299	117	9.04	4.74	0.194	0.1	90.3	23.84	LaMotte Turbidity Reading
0910	7.5	0.3	11.87	0.299	122	8.48	4.73	0.194	0.1	76.6	23.84	LaMotte Turbidity Reading
0915	9.0	0.3	11.82	0.299	127	8.09	4.72	0.194	0.1	79.3	23.86	LaMotte Turbidity Reading: 39.6
0920	10.5	0.3	11.76	0.296	131	7.71	4.72	0.193	0.1	26.8	23.86	LaMotte Turbidity Reading: 18.5
0925	12.0	0.3	11.84	0.294	136	7.32	4.71	0.191	0.1	18	23.86	LaMotte Turbidity Reading: 12.4
0930	13.5	0.3	11.89	0.292	140	6.93	4.7	0.19	0.1	12.7	23.86	LaMotte Turbidity Reading: 7.7
0935	15.0	0.3	11.84	0.29	146	6.59	4.69	0.189	0.1	8.6	23.86	LaMotte Turbidity Reading: 6.2
0940	16.5	0.3	11.85	0.29	151	6.29	4.68	0.188	0.1	6.4	23.86	LaMotte Turbidity Reading: 4.1
0945	18.0	0.3	11.83	0.289	154	6.05	4.69	0.188	0.1	7.2	23.86	LaMotte Turbidity Reading: 4.6
0950	19.5	0.3	11.81	0.289	158	5.9	4.69	0.188	0.1	5.5	23.86	LaMotte Turbidity Reading: 3.3
0955	21.0											Sample

Well Sampling Log

Well ID No.: MW-CP-38

Well Casing Type:	2.5" Sch 80 PVC	**Start SWL:**	25.09	**Project:**	DEC Claremont Polychemical RI/FS
Well Depth:**	394.5	**Water Column Ht.:**	369.41	**Date:**	3/13/2018
Screened Interval:	384 - 395	**Well Volume (gallons):**	94.19	**Crew:**	KM/MP
Well Elevation:**	78.91	**SWL During Sampling:**	25.05	**Pump Intake (ft)**	**391**
Well Diameter (in.)	2.5	**Sample Time:**	1610	**Meters Used:**	Horiba U-52, LaMotte 220
Well Condition:	New	**Sample Method:**	Bladder Pump	**PID Head Space (ppm):**	NA
Weather Conditions:	28F, clear, NW 0-5 mph	**Sample Analyses:**	VOC, PFCs, 1,4-Dioxane	**Sample ID:**	MW-CP-38-R2-GW-391-20190313-0
Comments:					

Notes: * - Measurement taken from top of well casing

Time	Est. Liters. Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (ms/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
1155												pump on
1200		0.4										Pump started; not connected to Horiba- high visual turbidity
1230	12.0	0.4								835 AU	835	LaMotte Turbidity Reading
1245	18.0	0.4								1561 AU	1561	LaMotte Turbidity Reading
1255	22.0	0.4								OR	OR	LaMotte Turbidity Reading
1300	24.0	0.4	14.15	0.129	86	9.08	5.84	0.084	0.2	3623 AU	24.94	Reconnected to Horiba to take parameter readings
1305	28.0	0.4	13.02	0.127	-87	1.01	6.96	0.083	0.1	OR		
1310	30.0	0.4	12.88	0.127	-108	0.77	7.05	0.082	0.1	OR		
1315	34.0	0.4	12.71	0.125	-117	0.64	7.08	0.081	0.1	OR		
1320	36.0	0.4	12.92	0.123	-124	0.56	7.15	0.08	0.1	OR		
1325	40.0	0.4	12.9	0.121	-125	0.53	7.15	0.079	0.1	797		
1330	42.0	0.4	12.74	0.119	-117	0.52	7.03	0.077	0.1	1000	24.98	
1335	46.0	0.4	12.48	0.115	-117	0.51	7.04	0.075	0.1	1000		
1340	48.0	0.425	12.41	0.113	-116	0.51	7.03	0.074	0.1	1000	24.99	
1345	52.3	0.425	12.23	0.11	-108	0.51	6.9	0.072	0.1	694		LaMotte Reading: 896 AU
1350	54.4	0.425	12.23	0.108	-105	0.49	6.87	0.07	0	662		LaMotte Reading: 742 AU
1355	58.6	0.375	12.32	0.105	-103	0.5	6.84	0.069	0	635		LaMotte Reading: 706 AU
1400	60.5	0.375	12.18	0.091	-88	0.5	6.66	0.06	0	520		LaMotte Reading: 170 NTU
1405	64.3	0.375	11.94	0.103	-94	0.46	6.75	0.067	0	504		LaMotte Reading: 107 NTU
1410	66.1	0.35	12.06	0.101	-94	0.47	6.73	0.066	0	444		LaMotte Reading: 98 NTU
1415	69.6	0.35	12.03	0.1	-92	0.42	6.68	0.065	0	419		LaMotte Reading: 104 NTU
1420	71.4	0.35	12.04	0.1	-93	0.43	6.7	0.065	0	381		LaMotte Reading: 93 NTU
1425	74.9	0.3	12.05	0.099	-92	0.43	6.69	0.064	0	360	25.05	LaMotte Reading: 104 NTU
1430	76.4	0.3	11.98	0.099	-90	0.42	6.66	0.064	0	373	25.05	LaMotte Reading: 87 NTU
1435	79.4	0.3	12.03	0.098	-89	0.43	6.63	0.064	0	323		LaMotte Reading: 92 NTU
1440	80.9	0.3	12.07	0.097	-91	0.41	6.66	0.063	0	304		LaMotte Reading: 98 NTU
1445	83.9	0.3	12.04	0.097	-92	0.4	6.68	0.063	0	311		LaMotte Reading: 79 NTU
1450	85.4	0.3	11.96	0.095	-89	0.39	6.64	0.062	0	281		LaMotte Reading: 148 NTU
1455	88.4	0.3	11.94	0.095	-89	0.4	6.65	0.062	0	295		LaMotte Reading: 140 NTU
1500	89.9	0.3	11.99	0.095	-90	0.39	6.66	0.061	0	356		LaMotte Reading: 73 NTU
1505	92.9	0.3	11.91	0.095	-89	0.4	6.62	0.061	0	426		LaMotte Reading: 92 NTU
1510	94.4	0.3	11.81	0.095	-88	0.39	6.63	0.061	0	403		LaMotte Reading: 88 NTU
1515	97.4	0.3	11.89	0.094	-90	0.4	6.65	0.061	0	350		LaMotte Reading: 85 NTU
1520	98.9	0.3	11.84	0.095	-88	0.4	6.62	0.061	0	291		LaMotte Reading: 97 NTU
1525	101.9	0.3	11.8	0.094	-87	0.4	6.6	0.061	0	264		LaMotte Reading: 82 NTU
1530	103.4	0.3	11.87	0.093	-89	0.39	6.63	0.061	0	242		LaMotte Reading: 132 NTU
1535	106.4	0.3	11.78	0.093	-89	0.39	6.63	0.06	0	270		LaMotte Reading: 157 NTU
1540	107.9	0.3	11.74	0.093	-87	0.39	6.59	0.061	0	270		LaMotte Reading: 137 NTU
1545	110.9	0.3	11.78	0.093	-89	0.39	6.63	0.06	0	270		LaMotte Reading: 140 NTU
1550	112.4	0.3	11.8	0.093	-88	0.38	6.6	0.06	0	263		LaMotte Reading: 139 NTU
1555	115.4	0.3	11.78	0.092	-85	0.38	6.57	0.06	0	239		LaMotte Reading: 133 NTU
1600	116.9	0.3	11.85	0.092	-86	0.38	6.59	0.06	0	239		LaMotte Reading: 141 NTU
1605	119.9	0.3	11.81	0.092	-87	0.38	6.6	0.06	0	225	25.05	LaMotte Reading: 148 NTU
1610	121.4											Sample

Well ID No.: MW-CP-39

Well Casing Type:	2.5" Sch 80 PVC	**Start SWL:**	22.94	**Project:**	DEC Claremont Polychemical RI/FS
Well Depth:**	390	**Water Column Ht.:**	367.06	**Date:**	3/14/2019
Screened Interval:	370.6 - 390	**Well Volume (gallons):**	93.59	**Crew:**	KM/MP
Well Elevation:**	75.25	**SWL During Sampling:**	22.29	**Pump Intake (ft)**	**374**
Well Diameter (in.)	2.5	**Sample Time:**	1310	**Meters Used:**	Horiba U-52, LaMotte 220
Well Condition:	New	**Sample Method:**	Bladder Pump	**PID Head Space (ppm):**	NA
Weather Conditions:	50F, Sunny, Calm	**Sample Analyses:**	VOC, PFCs, 1,4-Dioxane	**Sample ID:**	MW-CP-39-R2-GW-374-20190314-0
Comments:					

Notes: * - Measurement taken from top of well casing

Time	Est. Liters. Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (ms/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
0858											22.46	pump on
0903		0.35								OR	22.46	Pump started; not connected to Horiba- high visual turbidity
0918	5.3	0.35								OR	22.43	LaMotte Reading: OR
0938	12.3	0.35								OR	22.42	LaMotte Reading: OR
0958	19.3	0.4									22.45	
1005		0.5										
1010		0.5	12.49	0.144	34	4.01	5.43	0.094	0.1	355		Horiba set up, start taking readings
1015		0.35	12.68	0.106	-39	2.43	5.99	0.069	0	383		LaMotte Reading: 57 NTU
1020		0.35	12.69	0.103	-57	1.94	6.11	0.067	0	390		LaMotte Reading: 67 NTU
1025		0.35	12.68	0.099	-61	1.21	6.11	0.065	0	473		Troubleshoot LaMotte, factory reset and recalibration
1030		0.35	12.65	0.096	-63	1.17	6.14	0.063	0	506		
1035		0.35	12.66	0.095	-64	1.09	6.19	0.062	0	552		Horiba flow cell rinsed with DI, reconnected
1040		0.4	12.63	0.093	-61	0.8	6.12	0.06	0	650		LaMotte Turbidity: 692 AU
1045		0.4	12.67	0.092	-60	0.95	6.12	0.06	0	665	22.39	LaMotte Turbidity: 747 AU
1050		0.4	12.69	0.09	-62	0.71	6.14	0.059	0	643		LaMotte Turbidity: 784 AU
1055		0.4	12.71	0.089	-60	0.72	6.12	0.058	0	694		LaMotte Turbidity: 794 AU
1100		0.3	12.67	0.089	-62	0.73	6.15	0.058	0	706	22.24	LaMotte Turbidity: 741 AU
1105		0.3	12.69	0.089	-63	0.68	6.16	0.058	0	688	22.21	LaMotte Turbidity: 736 AU
1110		0.3	12.65	0.088	-62	0.66	6.17	0.057	0	684	22.2	LaMotte Turbidity: 756 AU
1115			12.69	0.088	-62	0.69	6.14	0.057	0	696	22.21	LaMotte Turbidity: 790 AU
1120			12.74	0.088	-64	0.58	6.18	0.057	0	678	22.21	LaMotte Turbidity: 721 AU
1125			12.79	0.088	-63	0.63	6.17	0.057	0	674	22.21	LaMotte Turbidity: 763 AU
1130			12.75	0.087	-62	0.6	6.15	0.057	0	666	22.22	LaMotte Turbidity: 694 AU
1135			12.8	0.086	-62	0.59	6.17	0.056	0	627	22.22	LaMotte Turbidity: 672 AU
1140			12.79	0.087	-63	0.58	6.19	0.056	0	623	22.23	LaMotte Turbidity: 683 AU
1145			12.74	0.087	-62	0.58	6.17	0.056	0	612	22.22	LaMotte Turbidity: 712 AU
1150			12.75	0.086	-62	0.56	6.18	0.056	0	585	22.24	LaMotte Turbidity: 748 AU
1155			12.74	0.086	-65	0.55	6.22	0.056	0	604	22.24	LaMotte Turbidity: 755 AU
1200			12.74	0.086	-64	0.51	6.19	0.056	0	592	22.24	LaMotte Turbidity: 701 AU
1205			12.7	0.086	-63	0.55	6.19	0.056	0	572	22.25	LaMotte Turbidity: 642 AU
1210			12.73	0.087	-45	0.79	6.21	0.056	0	555	22.25	Rinsed flow cell w/ DI prior to reading, LaMotte: 601 AU
1215			12.67	0.086	-49	0.5	6.16	0.056	0	549	22.27	LaMotte Turbidity: 614 NTU
1220			12.64	0.086	-53	0.5	6.17	0.056	0	534	22.26	LaMotte Turbidity: 107 NTU
1225			12.69	0.086	-59	0.45	6.24	0.056	0	512	22.27	LaMotte Turbidity: 85 NTU, water very turbid
1230			12.71	0.086	-59	0.48	6.22	0.056	0	524	22.29	Troubleshoot LaMotte-factory reset/recalibration,
1235			12.74	0.086	-58	0.47	6.19	0.056	0	494	22.29	using Horiba for turbidity readings
1240			12.74	0.085	-60	0.45	6.23	0.055	0	472	22.29	
1245			12.83	0.085	-60	0.44	6.21	0.055	0	470	22.29	
1250			12.86	0.085	-58	0.44	6.18	0.055	0	480	22.28	
1255			12.89	0.085	-61	0.44	6.23	0.055	0	463	22.29	
1300			12.83	0.085	-64	0.44	6.26	0.055	0	456	22.29	
1305			12.82	0.084	-61	0.43	6.22	0.055	0	453	22.29	
1310											22.29	Sample

Appendix B

PFC Sampling Checklists

PFCs Sampling Checklist

Date: 15-Mar-2019

Weather (temp./precipitation): 28°C, Calm, Cloudy Site Name: Clairmont

Field Clothing and PPE:

- [x] No clothing or boots containing Gore-Tex™
- [x] All safety boots made from polyurethane and PVC
- [x] No materials containing Tyvek®
- [x] Field crew has not used fabric softener on clothing
- [x] Field crew has not used cosmetics, moisturizers, hand cream, or other related products this morning
- [x] Field crew has not applied unauthorized sunscreen or insect repellant

Field Equipment:

- [x] No Teflon® or LDPE containing materials on-site
- [x] All sample materials made from stainless steel, HDPE, acetate, silicon, or polypropylene
- [x] No waterproof field books on-site
- [x] No plastic clipboards, binders, or spiral hard cover notebooks on-site
- [x] No adhesives (Post-It Notes) on-site
- [x] Coolers filled with regular ice only. No chemical (blue) ice packs in possession

Sample Containers:

- [x] All sample containers made of HDPE or polypropylene
- [x] Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- [x] Wet weather gear made of polyurethane and PVC only

Equipment Decontamination:

- [x] "PFC-free" water on-site for decontamination of sample equipment. No other water sources to be used.
- [x] Alconox and Liquinox to be used as decontamination materials

Food Considerations:

- [x] No food or drink on-site with exception of bottled water and/or hydration drinks (i.e., Gatorade and Powerade) that is available for consumption only in the staging area

If any applicable boxes cannot be checked, the Field Lead shall describe the noncompliance issues below and work with field personnel to address noncompliance issues prior to commencement of that day's work. Corrective action shall include removal of noncompliance items from the site or removal of worker offsite until in compliance.

Describe the noncompliance issues (include personnel not in compliance) and action/outcome of noncompliance:

X Labels on Single jars after samples were collected

Field Lead Name: Matthew T. Pajak

Field Lead Signature: _____ Time: 0700

PFCs Sampling Checklist

Date: 14 Mar. 2019

Weather (temp./precipitation): 40°F, Breezy, Clear Site Name: Clarence Hs

Field Clothing and PPE:

- ☑ No clothing or boots containing Gore-Tex™
- ☐ All safety boots made from polyurethane and PVC
- ☑ No materials containing Tyvek®
- ☑ Field crew has not used fabric softener on clothing
- ☑ Field crew has not used cosmetics, moisturizers, hand cream, or other related products this morning
- ☑ Field crew has not applied unauthorized sunscreen or insect repellant

Field Equipment:

- ☑ No Teflon® or LDPE containing materials on-site
- ☑ All sample materials made from stainless steel, HDPE, acetate, silicon, or polypropylene
- ☑ No waterproof field books on-site
- ☑ No plastic clipboards, binders, or spiral bard cover notebooks on-site
- ☑ No adhesives (Post-It Notes) on-site
- ☑ Coolers filled with regular ice only. No chemical (blue) ice packs in possession

Sample Containers:

- ☑ All sample containers made of HDPE or polypropylene
- ☑ Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- ☑ Wet weather gear made of polyurethane and PVC only

Equipment Decontamination:

- ☑ N/A "PFC-free" water on-site for decontamination of sample equipment. No other water sources to be used.
- ☑ Alconox and Liquinox to be used as decontamination materials

Food Considerations:

- ☑ No food or drink on-site with exception of bottled water and/or hydration drinks (i.e., Gatorade and Powerade) that is available for consumption only in the staging area

If any applicable boxes cannot be checked, the Field Lead shall describe the noncompliance issues below and work with field personnel to address noncompliance issues prior to commencement of that day's work. Corrective action shall include removal of noncompliance items from the site or removal of worker offsite until in compliance.

Describe the noncompliance issues (include personnel not in compliance) and action/outcome of noncompliance:

X

Field Lead Name: Matthew T. Pyatt

Field Lead Signature: _____ Time: 0745

PFCs Sampling Checklist

Date: 27 Mar-2019

Weather (*temp./precipitation*): 33°F, Breezy/clear Site Name: clairmont

Field Clothing and PPE:

- [x] No clothing or boots containing Gore-Tex™
- [x] All safety boots made from polyurethane and PVC
- [x] No materials containing Tyvek®
- [x] Field crew has not used fabric softener on clothing
- [x] Field crew has not used cosmetics, moisturizers, hand cream, or other related products this morning
- [x] Field crew has not applied unauthorized sunscreen or insect repellant

Field Equipment:

- [x] No Teflon® or LDPE containing materials on-site
- [x] All sample materials made from stainless steel, HDPE, acetate, silicon, or polypropylene
- [x] No waterproof field books on-site
- [x] No plastic clipboards, binders, or spiral hard cover notebooks on-site
- [x] No adhesives (Post-It Notes) on-site

- [x] Coolers filled with regular ice only. No chemical (blue) ice packs in possession

Sample Containers:

- [x] All sample containers made of HDPE or polypropylene
- [x] Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- [N/A] Wet weather gear made of polyurethane and PVC only

Equipment Decontamination:

- [x] "PFC-free" water on-site for decontamination of sample equipment. No other water sources to be used.
- [x] Alconox and Liquinox to be used as decontamination materials

Food Considerations:

- [x] No food or drink on-site with exception of bottled water and/or hydration drinks (i.e., Gatorade and Powerade) that is available for consumption only in the staging area

ny applicable boxes cannot be checked, the Field Lead shall describe the noncompliance issues below and work with d personnel to address noncompliance issues prior to commencement of that day's work. Corrective action shall ude removal of noncompliance items from the site or removal of worker offsite until in compliance.

cribe the noncompliance issues (include personnel not in compliance) and action/outcome of noncompliance:

bels on sample jars after Single collection

ead Name: Matthew T Papula

ead Signature: _____ Time: 0800

Appendix C
Data Usability Summary Table

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

April 18, 2019

Jennifer Becker
HDR
1 International Blvd
10th Floor Suite 1000
Mahwah, NJ 07495

RE: NYSDEC WA #43 Claremont Poly Chemical Corp RI/FS Site
Validation of Analytical Laboratory Data
Data Usability Summary Report (DUSR)
TestAmerica SDG No. 460-177412-1

Dear Ms. Becker:

Review has been completed for the data package generated by TestAmerica Laboratories, Inc that pertains to samples collected between 03/12/19 and 03/14/19 at the NYSDEC Claremont Poly Chemical Corp RI/FS site. Four aqueous samples, and field duplicate, and an equipment blank were processed for TCL volatile analytes by USEPA SW846 method 8260C, per- and polyfluoroalkyl substances (PFAS) by a modified method 537, and 1,4-dioxane by USEPA SW846 method 8270D SIM.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology and the laboratory modifications. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Isotopic Standard Recoveries
* Preparation Blank
* Field Duplicate Correlations
* Laboratory Control Samples (LCSs)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c) DUSR description. The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the raw data, and generated in compliance with project requirements.

In summary, sample results are usable either as reported or with minor edit. Data completeness, reproducibility, sensitivity, and comparability are acceptable. Matrix spikes were not processed, and therefore accuracy as a function of the matrix has not been evaluated. The precision as shown by field duplicate correlations is acceptable.

The laboratory modifications to the USEPA method 537 are significant, including acceptance ranges, consistent in many respects to the advances in the available monitoring compounds. Validation actions are based on the laboratory procedures, in consideration that the laboratory undergoes NYS DOH certifications and NYS SOP review.

The client and laboratory sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also included in this report is the client EDD file, qualified to reflect the qualifications/edits recommended in this report.

Field Duplicate Correlations

The field duplicate of MW-C3-37-R2-GW-445-20190313-0 shows correlations within validation guidelines, with the exception of that for 1,4-dioxane (52%RPD), the results for which are qualified as estimated in the parent sample and its duplicate.

TCL Volatile Analyses by EPA8260C

Surrogate and internal standard recoveries are acceptable, and instrument tunes meet fragmentation requirements.

Holding times were met. Blanks show no contamination affecting sample reported results.

No sample matrix spikes were submitted, and therefore the effect of the sample matrix on analyte recovery and precision has not been determined.

Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses are within validation guidelines, with the exception of those for bromomethane and bromoform, the results for which have been qualified as estimated in the project samples and blanks.

1,4-Dioxane Analyses by USEPA Method 8270D SIM

Holding time requirements were met. Sample surrogate and internal standard recoveries are compliant. Calibration standards show responses within the validation guidelines. Blanks show no contamination.

No sample matrix spikes were submitted, and therefore the effect of the sample matrix on analyte recovery and precision has not been determined.

PFAS by Modified EPA Method 537

PFAS compounds are identified by their common acronyms in this report. The data package report forms reference both the technical names and the acronyms.

Internal and isotopic standards recoveries are within the laboratory acceptance ranges, with the exception of those associated with the following analytes, results for which are qualified as estimated in the indicted affected samples:

- NMeFOSAA in MW-CP-37-R2-GW-445-20190313-0
- PFTeDA in MW-CP-37-R2-GW-445-20190313-0 and MW-CP-37-R2-GW-445-20190313-1
- PFOA in MW-CP-36-R2-GW-251-20190313-0 and MW-CP-39-R2-GW-374-20190313-0

LCS recoveries and calibration standard responses are compliant. No sample matrix spikes were submitted, and therefore the effect of the sample matrix on analyte recovery and precision has not been determined.

Holding times were met. Blanks show no contamination.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Att: Validation Data Qualifier Definitions
Client and Laboratory Identifications
Qualified EQuIS EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Client and Laboratory Sample IDs

Sample Summary

Client: HDR Engineering, Inc.
Project/Site: DEC Claremont Polychemical RI/FS

TestAmerica Job ID: 460-177412-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-177412-1	MW-CP-36-R2-GW-251-20190312-0	Water	03/12/19 15:20	03/14/19 17:51
460-177412-2	TB-20190312	Water	03/14/19 13:10	03/14/19 17:51
460-177412-3	MW-CP-36-R2-GW-251-20190312-2	Water	03/12/19 16:45	03/14/19 17:51
460-177412-4	MW-CP-37-R2-GW-445-20190313-0	Water	03/13/19 09:55	03/14/19 17:51
460-177412-5	MW-CP-37-R2-GW-445-20190313-1	Water	03/13/19 09:55	03/14/19 17:51
460-177412-6	MW-CP-38-R2-GW-391-20190313-0	Water	03/13/19 16:10	03/14/19 17:51
460-177412-7	TB-20190313	Water	03/14/19 13:10	03/14/19 17:51
460-177412-8	MW-CP-39-R2-GW-374-20190314-0	Water	03/14/19 13:10	03/14/19 17:51
460-177412-9	TB-20190314	Water	03/14/19 00:00	03/14/19 17:51

Appendix D
Data Summary Tables

Target Compound or TIC/Method/Analyte	CAS	HAL	Sample Name:	MW-CPC-36-R1-GW-251	MW-CPC-36-R1-GW-251-D	MW-CPC-36-R1-GW-251-B	MW-CPC-36-R1-GW-251-B	MW-CPC-36-R2-GW-251
			Lab ID:	200-46151-1	200-46151-2	320-44873-1	200-46151-3	460-177412-1
			Sample Date/Time:	11/7/2018	11/7/2018	10/31/2018	11/7/2018	3/12/2019
			Sample Depth (ft. bgs):	251	251	-NA-	-NA-	251
				Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target								
E537-LL (modified)								
1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NS		21.5 J	22.5 J	101 U	17.4 U	17.1 J
1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NS		56 J	57.7 J	101 U	17.4 U	65
2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NS		18.2 U	17.8 U	101 U	17.4 U	18.2 U
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NS		18.2 U	17.8 U	101 U	17.4 U	18.2 U
Pefluorododecanoic acid (PFDoA)	307-55-1	NS		0.42 J	0.55 J	10.1 U	1.74 U	1.82 U
Perflorobutanesulfonic acid	375-73-5	NS		8.28	9.08	10.1 U	1.74 U	6.93
Perfluornonanoic acid	375-95-1	NS		472	455	10.1 U	1.74 U	373
Perfluorobutyric acid (PFBA)	375-22-4	NS		50.7 B	58.6 B	4.8 J	1.74 U	30.9
Perfluorodecane sulfonic acid	335-77-3	NS		1.82 U	1.78 U	10.1 U	1.74 U	1.82 U
Perfluorodecanoic acid (PFDA)	335-76-2	NS		8.83 J	7.79 J	10.1 U	1.74 U	3.52
Perfluoroheptane sulfonate (PFHpS)	375-92-8	NS		4.23	3.95	10.1 U	1.74 U	2.64
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS		77	76.7	10.1 U	1.74 U	43.8
Perfluorohexanesulfonic acid	355-46-4	NS		39.7	35.9	10.1 U	1.74 U	36.5
Perfluorohexanoic acid (PFHxA)	307-24-4	NS		50.7	52.4	10.1 U	1.74 U	55.6
Perfluorooctane sulfonamide (FOSA)	754-91-6	NS		0.55 J	1.78 U	10.1 U	1.74 U	1.82 U
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	10		***191***	***180***	***10.1*** U	1.74 U	***167***
Perfluorooctanoic acid (PFOA)	335-67-1	10		***134***	***133***	***10.1*** U	1.74 U	***145*** J
Perfluorotetradecanoic acid (PFTeA)	376-06-7	NS		1.82 U	1.78 U	10.1 U	1.74 U	1.82 U
Perfluorotridecanoic aid (PFTriA)	72629-94-8	NS		1.82 U	1.78 U	10.1 U	1.74 U	1.82 U
Perfluoroundecnoic acid (PFUnA)	2058-94-8	NS		37.8 B	38.9 B	10.1 U	0.24 JB	4.03
Perfluropentanoic acid (PFPeA)	2706-90-3	NS		67	50.6	10.1 U	1.74 U	58.4
Sum of PFOS and PFOA	NA	10		**325**	**313**	***10.1*** U	1.74 U	**312**

Footnotes:
Result Units: ng/l (nanograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - reporting limit exceeds standard
NYS Drinking Water Quality Council MCL; 10 ng/L ea or sum of PFOS/PFOA
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration
Sample Name end letters : D - dup; B - blank

Target Compound or TIC/Method/Analyte	CAS	HAL	Sample Name:	MW-CPC-36-R2-GW-251-MS	MW-CPC-37-R1-GW-445	MW-CPC-37-R1-GW-445-D	MW-CPC-37-R1-GW-445-B	MW-CPC-37-R2-GW-445	MW-CPC-37-R2-GW-445-D
			Lab ID:	460-177412-3	460-166807-3	460-166807-1	460-166807-2	460-177412-4	460-177412-5
			Sample Date/Time:	3/12/2019	10/11/2018	10/11/2018	10/11/2018	3/13/2019	3/13/2019
			Sample Depth (ft. bgs):	251	445	445	-NA-	445	445
				Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
E537-LL (modified)									
1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NS		16.7 U	17.1 U	16.6 U	19.3 U	16.8 U	17.6 U
1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NS		16.7 U	4.7 J	5.42 J	19.3 U	16.8 U	17.6 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NS		16.7 U	17.1 U	16.6 U	19.3 U	16.8 #	17.6 U
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NS		16.7 U	17.1 U	16.6 U	19.3 U	16.8 U	17.6 U
Pefluorododecanoic acid (PFDoA)	307-55-1	NS		1.67 U	0.32 J	1.66 U	1.93 U	1.68 U	1.76 U
Perflorobutanesulfonic acid	375-73-5	NS		1.67 U	2.21	1.83	1.93 U	2.55	1.71 J
Perfluornonanoic acid	375-95-1	NS		1.67 U	0.47 J	0.38 J	1.93 U	1.68 U	1.76 U
Perfluorobutyric acid (PFBA)	375-22-4	NS		1.67 U	13.8	13.3	1.93 U	11.4	10.2
Perfluorodecane sulfonic acid	335-77-3	NS		1.67 U	1.71 U	1.66 U	1.93 U	1.68 U	1.76 U
Perfluorodecanoic acid (PFDA)	335-76-2	NS		1.67 U	1.79	1.29 J	1.93 U	1.68 U	1.76 U
Perfluoroheptane sulfonate (PFHpS)	375-92-8	NS		1.67 U	1.71 U	1.66 U	1.93 U	1.68 U	1.76 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS		1.67 U	4.66	4.56	1.93 U	4.04	3.77
Perfluorohexanesulfonic acid	355-46-4	NS		1.67 U	2.64	2.79	1.93 U	5.21	4.27
Perfluorohexanoic acid (PFHxA)	307-24-4	NS		1.67 U	7.21	7.22	1.93 U	7.62	6.91
Perfluorooctane sulfonamide (FOSA)	754-91-6	NS		1.67 U	1.71 U	1.66 U	1.93 U	1.68 U	1.76 U
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	10		1.67 U	***10.4***	***10.8***	1.93 U	***11.8***	***10.5***
Perfluorooctanoic acid (PFOA)	335-67-1	10		1.67 U	***29.1***	***32.1***	0.37 J	***30.3***	***28.5***
Perfluorotetradecanoic acid (PFTeA)	376-06-7	NS		1.67 U	1.71 U	1.66 U	1.93 U	1.68 #	1.76 #
Perfluorotridecanoic aid (PFTriA)	72629-94-8	NS		1.67 U	1.71 U	1.66 U	1.93 U	1.68 U	1.76 U
Perfluoroundecnoic acid (PFUnA)	2058-94-8	NS		1.67 U	0.47 JB	0.46 JB	1.93 U	1.68 U	1.76 U
Perfluropentanoic acid (PFPeA)	2706-90-3	NS		1.67 U	3.64	3.67	1.93 U	3.83	3.44
Sum of PFOS and PFOA	NA	10		1.67 U	**39.5**	**42.9**	0.37 J	**42.1**	**39**

Footnotes:
Result Units: ng/l (nanograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - reporting limit exceeds standard
NYS Drinking Water Quality Council MCL; 10 ng/L ea or sum of PFOS/PFOA
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration
Sample Name end letters : D - dup; B - blank

			Sample Name:	MW-CPC-38-R1-GW-391	MW-CPC-38-R2-GW-391	MW-CPC-39-R1-GW-374	MW-CPC-39-R2-GW-374
			Lab ID:	460-169051-1	460-177412-6	200-46151-4	460-177412-8
			Sample Date/Time:	11/9/2018	3/13/2019	11/8/2018	3/14/2019
			Sample Depth (ft. bgs):	391	391	374	374
Target Compound or TIC/Method/Analyte	**CAS**	**HAL**		Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target							
E537-LL (modified)							
1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NS		18.6 U	18.2 U	18.5 U	89.9 U
1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NS		10.3 J	38.2	18.5 U	89.9 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NS		18.6 U	18.2 U	18.5 U	89.9 U
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NS		18.6 U	18.2 U	18.5 U	89.9 U
Pefluorododecanoic acid (PFDoA)	307-55-1	NS		3.07	1.82 U	1.85 U	8.99 U
Perflorobutanesulfonic acid	375-73-5	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluornonanoic acid	375-95-1	NS		0.44 J	1.82 U	1.85 U	8.99 U
Perfluorobutyric acid (PFBA)	375-22-4	NS		1.19 JB	1.82 U	0.59 JB	8.99 U
Perfluorodecane sulfonic acid	335-77-3	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluorodecanoic acid (PFDA)	335-76-2	NS		0.7 J	1.82 U	1.85 U	8.99 U
Perfluoroheptane sulfonate (PFHpS)	375-92-8	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluorohexanesulfonic acid	355-46-4	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluorohexanoic acid (PFHxA)	307-24-4	NS		0.31 J	1.82 U	0.32 J	8.99 U
Perfluorooctane sulfonamide (FOSA)	754-91-6	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	10		1.86 U	1.82 U	1.85 U	8.99 U
Perfluorooctanoic acid (PFOA)	335-67-1	10		0.76 J	0.72 J	0.4 J	8.99 #
Perfluorotetradecanoic acid (PFTeA)	376-06-7	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluorotridecanoic aid (PFTriA)	72629-94-8	NS		1.86 U	1.82 U	1.85 U	8.99 U
Perfluoroundecnoic acid (PFUnA)	2058-94-8	NS		2.15 B	1.82 U	1.85 U	8.99 U
Perfluropentanoic acid (PFPeA)	2706-90-3	NS		1.86 U	1.82 U	1.85 U	8.99 U
Sum of PFOS and PFOA	NA	10		0.76 J	0.72 J	0.4 J	8.99 U

Footnotes:
Result Units: ng/l (nanograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - reporting limit exceeds standard
NYS Drinking Water Quality Council MCL; 10 ng/L ea or sum of PFOS/PFOA
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration
Sample Name end letters : D - dup; B - blank

			Sample Name:	MW-CPC-36-GW-175	MW-CPC-36-GW-195	MW-CPC-36-GW-221	MW-CPC-36-GW-236	MW-CPC-36-GW-256	MW-CPC-36-GW-317
			Lab ID:	460-161671-1	460-161671-2	460-161671-3	460-161783-1	460-161783-2	460-161999-1
			Sample Date/Time:	7/31/2018	8/1/2018	8/1/2018	8/1/2018	8/2/2018	8/6/2018
			Sample Depth (ft. bgs):	175	195	221	236	256	317
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
SW8260C									
1,1,1-Trichloroethane	71-55-6	5		1 U	1 U	1 U	1.8	2.6 J	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	5 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 U	1 U	1 U	5 U	1 U
1,1,2-Trichloroethane	79-00-5	1		1 U	1 U	1 U	1 U	***5*** U	1 U
1,1-Dichloroethane	75-34-3	5		0.29 J	0.9 J	1 U	0.76 J	5 U	1 U
1,1-Dichloroethene	75-35-4	5		1 U	1 U	1 U	1.5	5 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		NR	NR	NR	1 U	5 U	NR
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	5 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***5*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***5*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	***5*** U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	**1.9**	***5*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	***5*** U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	***5*** U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	***5*** U	1 U
2-Hexanone	591-78-6	50		5 U	5 U	5 U	5 U	**73**	5 U
Acetone	67-64-1	50		5 U	**63**	28	5 U	**3900**	7.3
Benzene	71-43-2	1		1 U	**12**	**1.9**	**27**	**240**	1 U
Bromochloromethane	74-97-5	5		NR	NR	NR	1 U	5 U	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	5 U	0.78 J
Bromoform	75-25-2	50		1 U	1 U	1 U	1 U	5 U	1 U
Bromomethane	74-83-9	5		1 U	1 U	1 U	1 U	5 U	1 UT
Carbon Disulfide	75-15-0	60		1 U	1 U	1 U	1 U	**92**	1 U
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	5 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	5 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 U	1 U	5 U	1 U
Chloroform	67-66-3	7		0.98 J	0.44 J	1 U	1 U	5 U	0.63 J
Chloromethane	74-87-3	5		1 U	1 U	1 U	1 U	5 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		2.6	**7.9**	0.64 J	**22**	**21**	1 U
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	5 U	1 U
Cyclohexane	110-82-7	NS		1 U	1 U	1 U	1.5	2.2 J	1 U
Dibromochloromethane	124-48-1	50		1 U	1 U	1 U	1 U	5 U	1
Dichlorodifluoromethane	75-71-8	5		1 U	1 U	1 U	1 U	5 U	1 U
Ethylbenzene	100-41-4	5		1 U	1 U	1 U	1 U	**47**	1 U
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	1 U	1 U	1.7 J	1 U
m,p-Xylene	179601-23-1	NS		NR	NR	NR	1 U	89	NR
Methyl Acetate	79-20-9	NS		5 U	5 U	5 U	5 U	140	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		5 U	13	6.4	3.3 J	**1100**	3.2 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	5 U	5 U	16 J	5 U
Methylcyclohexane	108-87-2	NS		1 U	1 U	1 U	0.44 J	5 U	1 U

			Sample Name:	MW-CPC-36-GW-175	MW-CPC-36-GW-195	MW-CPC-36-GW-221	MW-CPC-36-GW-236	MW-CPC-36-GW-256	MW-CPC-36-GW-317
			Lab ID:	460-161671-1	460-161671-2	460-161671-3	460-161783-1	460-161783-2	460-161999-1
			Sample Date/Time:	7/31/2018	8/1/2018	8/1/2018	8/1/2018	8/2/2018	8/6/2018
			Sample Depth (ft. bgs):	175	195	221	236	256	317
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5		1 U	1 U	1 U	1 U	5 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5		NR	NR	NR	1 U	**57**	NR
Styrene	100-42-5	5		1 U	1 U	1 U	1 U	**15**	1 U
Tert-Butyl Alcohol	75-65-0	NS		10 U	10 U	10 U	10 U	130	10 U
Tert-Butyl Methyl Ether	1634-04-4	10		1 U	1 U	1 U	1 U	5 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5		0.72 J	1.5	1	**61**	**7.1**	1 U
Toluene	108-88-3	5		1 U	1.7	0.59 J	1 U	**290**	1 U
Trans-1,2-Dichloroethene	156-60-5	5		1 U	1 U	1 U	1 U	5 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5		1 U	1 U	1 U	1 U	5 U	1 U
Trichloroethylene (TCE)	79-01-6	5		0.76 J	1.9	1 U	**6.7**	2.7 J	1 U
Trichlorofluoromethane	75-69-4	5		1 U	1 U	1 U	1 U	5 U	1 U
Vinyl Chloride	75-01-4	2		1 U	1 U	1 U	0.64 J	***5*** U	1 U
Xylenes, Total	1330-20-7	5		2 U	2 U	2 U	2 U	**150**	2 U
SW8270DSIM/SW8260C									
1,4-Dioxane	123-91-1	1		NR	NR	NR	***50*** U	***250*** U	NR
TIC									
SW8260C									
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5		NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS		NR	17 JN	68 JN	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS		NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS		NR	NR	5.7 JN	NR	NR	NR
1-Nonanal	124-19-6	NS		NR	6.7 JN	NR	NR	NR	NR
1-Pentene	109-67-1	NS		NR	NR	16 JN	NR	NR	NR
1-Propanethiol	107-03-9	NS		NR	NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS		NR	NR	NR	NR	75 JN	NR
2-Ethylhexyl Aldehyde	123-05-7	NS		NR	NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS		NR	NR	NR	NR	46 JN	NR
2-Heptanone	110-43-0	NS		NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS		NR	NR	NR	7.2 JN	NR	NR
2-Methyl-1-Butene	563-46-2	NS		NR	NR	5.6 JN	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS		NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS		NR	NR	NR	NR	NR	NR
2-Methylthiophene	554-14-3	NS		NR	NR	NR	NR	240 JN	NR
2-Octanone	111-13-7	NS		NR	NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS		NR	NR	NR	NR	120 JN	NR
Acetaldehyde	75-07-0	NS		NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5		NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS		NR	NR	6.8 JN	NR	NR	NR
Cyclohexene	110-83-8	NS		NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS		NR	NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS		NR	NR	NR	NR	NR	NR
Heptanal	111-71-7	NS		NR	NR	NR	NR	NR	NR

	Sample Name:	MW-CPC-36-GW-175	MW-CPC-36-GW-195	MW-CPC-36-GW-221	MW-CPC-36-GW-236	MW-CPC-36-GW-256	MW-CPC-36-GW-317
	Lab ID:	460-161671-1	460-161671-2	460-161671-3	460-161783-1	460-161783-2	460-161999-1
	Sample Date/Time:	7/31/2018	8/1/2018	8/1/2018	8/1/2018	8/2/2018	8/6/2018
	Sample Depth (ft. bgs):	175	195	221	236	256	317
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	NR	NR	NR	NR	NR	NR
Isobutylene	115-11-7	NS	NR	NR	9.2 JN	NR	140 JN	NR
Methanethiol	74-93-1	NS	NR	NR	NR	NR	270 JN	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	54 JN	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	37 JN	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	320 JN	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS	NR	31 JN	110 JN	NR	190 JN	NR
Thiophene	110-02-1	NS	NR	NR	NR	NR	140 JN	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	NR	7.8 J	NR	NR	89 J	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	NR	NR	NR	60 J	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	NR	NR	NR	41 J	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	61 JN	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Council MCL 1 ppb
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated value
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

	Sample Name:	MW-CPC-36-GW-355	MW-CPC-36-GW-376	MW-CPC-36-GW-396	MW-CPC-36-R1-GW-251	MW-CPC-36-R1-GW-251-D	MW-CPC-36-R1-GW-251-P
	Lab ID:	460-162078-1	460-162078-2	460-162078-3	200-46151-1	200-46151-2	7070542001
	Sample Date/Time:	8/6/2018	8/7/2018	8/7/2018	11/7/2018	11/7/2018	11/7/2018
	Sample Depth (ft. bgs):	355	376	396	251	251	251
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target								
SW8260C								
1,1,1-Trichloroethane	71-55-6	5	1 U	1 U	1 U	1.8	1.6	1.8
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	1 U	1 U	1 U	1.1	1	1.1
1,1-Dichloroethene	75-35-4	5	1 U	1 U	1 U	2	1.9	1.9
1,2,3-Trichlorobenzene	87-61-6	5	NR	NR	NR	1 U	1 U	NR
1,2,4-Trichlorobenzene	120-82-1	10	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	***1*** U	***1*** U	***1*** U	**2**	**1.8**	**2.1**
1,2-Dichloropropane	78-87-5	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	8.6	5.5	12	7	6.5	7.8 J+
Benzene	71-43-2	1	1 U	1 U	**2.1**	**53**	**52**	**52.6**
Bromochloromethane	74-97-5	5	NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1 UT	1 UT	1 UT	1 U	1 U	1 U
Bromomethane	74-83-9	5	1 U	1 U	1 U	1 UJ	1 UJ	1 U
Carbon Disulfide	75-15-0	60	0.77 J	1 U	1 U	0.21 J	0.26 J	1 U
Carbon Tetrachloride	56-23-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5	1 U	1 U	1 U	**37**	**37**	**36.3**
Cis-1,3-Dichloropropene	10061-01-5	5	1 U	1 U	1 U	1 U	1 U	1 UJ
Cyclohexane	110-82-7	NS	1 U	1 U	1 U	2	2	3
Dibromochloromethane	124-48-1	50	1 UT	1 UT	1 UT	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	1 U	1 U	1 U	1 U	0.18 J	1 U
Ethylbenzene	100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	98-82-8	5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS	NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS	5 UT	5 UT	5 UT	5 U	5 U	1 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	3.5 J	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	5 UT	5 UT	5 UT	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS	1 U	1 U	1 U	0.5 J	0.43 J	1 U

	Sample Name:	MW-CPC-36-GW-355	MW-CPC-36-GW-376	MW-CPC-36-GW-396	MW-CPC-36-R1-GW-251	MW-CPC-36-R1-GW-251-D	MW-CPC-36-R1-GW-251-P
	Lab ID:	460-162078-1	460-162078-2	460-162078-3	200-46151-1	200-46151-2	7070542001
	Sample Date/Time:	8/6/2018	8/7/2018	8/7/2018	11/7/2018	11/7/2018	11/7/2018
	Sample Depth (ft. bgs):	355	376	396	251	251	251
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS	10 U	10 U	10 U	10 U	10 U	NR
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1 U	1 U	**66**	**65**	**56.5**
Toluene	108-88-3	5	0.44 J	1 U	1.2	0.42 J	1 U	1 U
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U	1 U	1 U	2
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U	1 U	1 U	1 UJ
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U	**8**	**7.8**	**9**
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	1 U	1.2	1	1.3
Xylenes, Total	1330-20-7	5	2 U	2 U	2 U	2 U	2 U	3 U
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1	NR	NR	NR	***50*** U	**2.5**	NR
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS	NR	NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS	NR	NR	NR	NR	NR	NR
1-Pentene	109-67-1	NS	NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS	NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS	NR	NR	NR	9.8 JN	9.3 JN	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	NR	NR	NR	NR	NR
2-Methylthiophene	554-14-3	NS	NR	NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS	NR	NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS	NR	NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5	NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS	NR	NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS	NR	NR	NR	NR	NR	NR
Heptanal	111-71-7	NS	NR	NR	NR	NR	NR	NR

	Sample Name:	MW-CPC-36-GW-355	MW-CPC-36-GW-376	MW-CPC-36-GW-396	MW-CPC-36-R1-GW-251	MW-CPC-36-R1-GW-251-D	MW-CPC-36-R1-GW-251-P
	Lab ID:	460-162078-1	460-162078-2	460-162078-3	200-46151-1	200-46151-2	7070542001
	Sample Date/Time:	8/6/2018	8/7/2018	8/7/2018	11/7/2018	11/7/2018	11/7/2018
	Sample Depth (ft. bgs):	355	376	396	251	251	251
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	NR	NR	NR	NR	NR	NR
Isobutylene	115-11-7	NS	28 JN	NR	NR	NR	NR	NR
Methanethiol	74-93-1	NS	NR	NR	NR	NR	NR	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS	47 JN	NR	NR	NR	NR	NR
Thiophene	110-02-1	NS	NR	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	29.5 J
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	7.6 J	NR	13 J	5.7 J	8.8 J	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	NR	9.1 J	NR	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

			Sample Name:	MW-CPC-36-R2-GW-251	MW-CPC-37-GW-176	MW-CPC-37-GW-197	MW-CPC-37-GW-216	MW-CPC-37-GW-236	MW-CPC-37-GW-256
			Lab ID:	460-177412-1	460-162533-1	460-162629-1	460-162629-2	460-162629-3	460-162726-1
			Sample Date/Time:	3/12/2019	8/14/2018	8/14/2018	8/15/2018	8/15/2018	8/15/2018
			Sample Depth (ft. bgs):	251	176	197	216	236	256
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
SW8260C									
1,1,1-Trichloroethane	71-55-6	5		1.9	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1		0.54 J	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5		1.4	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5		2.2	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		1 U	NR	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50		5 U	5 U	8.6	7.8	8.1	8.4
Benzene	71-43-2	1		**70**	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	5		NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50		1 UJ	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5		1 UJ	1 U	1 UT	1 UT	1 UT	1 U
Carbon Disulfide	75-15-0	60		1 U	1 U	1 U	1 U	1 U	1.7
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 UT	1 UT	1 UT	1 U
Chloroform	67-66-3	7		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		**39**	0.66 J	0.31 J	1 U	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS		3.1	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5		0.23 J	0.52 J	0.28 J	1 U	1 U	1 U
Ethylbenzene	100-41-4	5		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS		NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		5 U	5 U	5 U	2.5 J	5 U	2.2 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS		0.91 J	1 U	1 U	1 U	1 U	1 U

			Sample Name:	MW-CPC-36-R2-GW-251	MW-CPC-37-GW-176	MW-CPC-37-GW-197	MW-CPC-37-GW-216	MW-CPC-37-GW-236	MW-CPC-37-GW-256
			Lab ID:	460-177412-1	460-162533-1	460-162629-1	460-162629-2	460-162629-3	460-162726-1
			Sample Date/Time:	3/12/2019	8/14/2018	8/14/2018	8/15/2018	8/15/2018	8/15/2018
			Sample Depth (ft. bgs):	251	176	197	216	236	256
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5		1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5		NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS		10 U	10 U	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether	1634-04-4	10		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5		**67**	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	156-60-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5		**7.8**	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5		1 U	0.31 J	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2		1.4	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5		2 U	2 U	2 U	2 U	2 U	2 U
SW8270DSIM/SW8260C									
1,4-Dioxane	123-91-1	1		**4.2**	NR	NR	NR	NR	NR
TIC									
SW8260C									
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5		NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS		NR	NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS		NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS		NR	NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS		NR	NR	NR	NR	NR	NR
1-Pentene	109-67-1	NS		NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS		NR	NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS		NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS		NR	NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS		NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS		NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS		12 JN	NR	NR	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS		NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS		NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS		NR	NR	NR	NR	NR	NR
2-Methylthiophene	554-14-3	NS		NR	NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS		NR	NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS		NR	NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS		NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5		NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS		NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS		NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS		NR	NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS		NR	NR	NR	NR	NR	NR
Heptanal	111-71-7	NS		NR	NR	NR	NR	NR	NR

			Sample Name:	MW-CPC-36-R2-GW-251	MW-CPC-37-GW-176	MW-CPC-37-GW-197	MW-CPC-37-GW-216	MW-CPC-37-GW-236	MW-CPC-37-GW-256
			Lab ID:	460-177412-1	460-162533-1	460-162629-1	460-162629-2	460-162629-3	460-162726-1
			Sample Date/Time:	3/12/2019	8/14/2018	8/14/2018	8/15/2018	8/15/2018	8/15/2018
			Sample Depth (ft. bgs):	251	176	197	216	236	256
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS		NR	NR	NR	NR	NR	NR
Isobutylene	115-11-7	NS		NR	NR	NR	NR	NR	NR
Methanethiol	74-93-1	NS		NR	NR	NR	NR	NR	9.7 JN
Methyl Disulfide	624-92-0	NS		NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS		NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS		NR	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS		5.1 JN	NR	NR	NR	NR	NR
Octanal	124-13-0	NS		NR	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS		NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS		NR	NR	NR	NR	NR	NR
Thiophene	110-02-1	NS		NR	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS		NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS		NR	NR	NR	NR	NR	6.4 J
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS		NR	NR	NR	NR	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS		NR	NR	NR	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS		NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS		NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS		NR	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

			Sample Name:	MW-CPC-37-GW-302	MW-CPC-37-GW-316	MW-CPC-37-GW-336	MW-CPC-37-GW-356	MW-CPC-37-GW-376	MW-CPC-37-GW-396
			Lab ID:	460-162726-2	460-162726-3	460-162726-4	460-162828-1	460-162828-2	460-162910-1
			Sample Date/Time:	8/16/2018	8/16/2018	8/16/2018	8/17/2018	8/17/2018	8/20/2018
			Sample Depth (ft. bgs):	302	316	336	356	376	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
SW8260C									
1,1,1-Trichloroethane	71-55-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50		5 U	5 U	6.2	5 U	5 U	5 U
Acetone	67-64-1	50		**55**	**110**	**960**	**54**	**54**	**93**
Benzene	71-43-2	1		**9**	**110**	**210**	**27**	**2.8**	**11**
Bromochloromethane	74-97-5	5		NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60		1 U	1 U	1 U	0.51 J	0.31 J	1 U
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5		1 U	1 U	**44**	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5		1.9	2.1	**9.1**	0.95 J	1 U	0.78 J
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	0.57 J	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS		NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS		7.8	0.82 J	19	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		14	27	**230**	13	16	17
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	3 J	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS		1 U	1 U	1 U	1 U	1 U	1 U

	Sample Name:	MW-CPC-37-GW-302	MW-CPC-37-GW-316	MW-CPC-37-GW-336	MW-CPC-37-GW-356	MW-CPC-37-GW-376	MW-CPC-37-GW-396
	Lab ID:	460-162726-2	460-162726-3	460-162726-4	460-162828-1	460-162828-2	460-162910-1
	Sample Date/Time:	8/16/2018	8/16/2018	8/16/2018	8/17/2018	8/17/2018	8/20/2018
	Sample Depth (ft. bgs):	302	316	336	356	376	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS	10	10 U	15	10 U	10 U	10 U
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	**11**	**23**	**110**	**13**	1.9	**6.7**
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5	**9.4**	**11**	**45**	3.6	1.1 J	3.9
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1	NR	NR	NR	***50*** U	***50*** U	***50*** U
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS	11 JN	NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS	NR	NR	NR	NR	NR	NR
1-Pentene	109-67-1	NS	NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	NR	15 JN	NR	6.9 JN	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS	NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	NR	NR	NR	NR	NR
2-Methylthiophene	554-14-3	NS	NR	NR	12 JN	NR	NR	NR
2-Octanone	111-13-7	NS	NR	NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS	NR	NR	21 JN	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5	NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS	NR	NR	30 JN	NR	13 JN	NR
Ethylcyclopropane	1191-96-4	NS	NR	NR	NR	NR	NR	NR
Heptanal	111-71-7	NS	NR	NR	NR	NR	NR	NR

	Sample Name:	MW-CPC-37-GW-302	MW-CPC-37-GW-316	MW-CPC-37-GW-336	MW-CPC-37-GW-356	MW-CPC-37-GW-376	MW-CPC-37-GW-396
	Lab ID:	460-162726-2	460-162726-3	460-162726-4	460-162828-1	460-162828-2	460-162910-1
	Sample Date/Time:	8/16/2018	8/16/2018	8/16/2018	8/17/2018	8/17/2018	8/20/2018
	Sample Depth (ft. bgs):	302	316	336	356	376	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	NR	NR	NR	NR	NR	NR
Isobutylene	115-11-7	NS	NR	NR	NR	NR	NR	NR
Methanethiol	74-93-1	NS	NR	NR	81 JN	NR	22 JN	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	94 JN	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS	21 JN	NR	47 JN	NR	NR	23 JN
Thiophene	110-02-1	NS	NR	5 JN	26 JN	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	NR	6 J	NR	9.1 J	27 J	9.3 J
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

			Sample Name:	MW-CPC-37-GW-416	MW-CPC-37-GW-456	MW-CPC-37-R1-GW-445	MW-CPC-37-R1-GW-445-D	MW-CPC-37-R2-GW-445
			Lab ID:	460-162910-2	460-162987-1	460-166807-3	460-166807-1	460-177412-4
			Sample Date/Time:	8/20/2018	8/21/2018	10/11/2018	10/11/2018	3/13/2019
			Sample Depth (ft. bgs):	416	456	445	445	445
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target								
SW8260C								
1,1,1-Trichloroethane	71-55-6	5		1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1		1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5		1 U	0.34 J	1.4	1.6	1.9
1,1-Dichloroethene	75-35-4	5		1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50		5 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50		14	**270**	5 U	5 U	5 U
Benzene	71-43-2	1		1 U	**29**	1 U	1 U	1 U
Bromochloromethane	74-97-5	5		NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50		1 U	1 UT	1 U	1 U	1 UJ
Bromomethane	74-83-9	5		1 U	1 U	1 U	1 U	1 UJ
Carbon Disulfide	75-15-0	60		1 U	1.4 B	1 U	1 U	0.29 J
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7		0.95 J	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5		1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		1 U	0.27 J	4	4	**5.1**
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS		1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50		1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5		1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5		1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS		NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS		5 U	4.7 J	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		5 U	24	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS		1 U	1 UT	1 U	1 U	1 U

			Sample Name:	MW-CPC-37-GW-416	MW-CPC-37-GW-456	MW-CPC-37-R1-GW-445	MW-CPC-37-R1-GW-445-D	MW-CPC-37-R2-GW-445
			Lab ID:	460-162910-2	460-162987-1	460-166807-3	460-166807-1	460-177412-4
			Sample Date/Time:	8/20/2018	8/21/2018	10/11/2018	10/11/2018	3/13/2019
			Sample Depth (ft. bgs):	416	456	445	445	445
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5		1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5		NR	NR	NR	NR	NR
Styrene	100-42-5	5		1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS		10 U	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether	1634-04-4	10		1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5		1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	5		0.43 J	2.1	1 U	1 U	1 U
Trans-1,2-Dichloroethene	156-60-5	5		1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5		1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5		1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5		1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2		1 U	1 U	0.51 J	0.64 J	0.62 J
Xylenes, Total	1330-20-7	5		2 U	2 U	2 U	2 U	2 U
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1		***50*** U	***50*** U	**7.4**	**7.8**	**4.3** J
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5		NR	NR	NR	NR	NR
1-Butene	106-98-9	NS		NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS		NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS		NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS		6.1 JN	NR	NR	NR	NR
1-Pentene	109-67-1	NS		NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS		NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS		NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS		NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS		NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS		NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS		NR	NR	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS		NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS		NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS		6.7 JN	NR	NR	NR	NR
2-Methylthiophene	554-14-3	NS		NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS		NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS		NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS		NR	NR	NR	NR	NR
Acrolein	107-02-8	5		NR	**57** JN	NR	NR	NR
Cis-2-Pentene	627-20-3	NS		NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS		NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS		NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS		NR	NR	NR	NR	NR
Heptanal	111-71-7	NS		NR	NR	NR	NR	NR

	Sample Name:	MW-CPC-37-GW-416	MW-CPC-37-GW-456	MW-CPC-37-R1-GW-445	MW-CPC-37-R1-GW-445-D	MW-CPC-37-R2-GW-445
	Lab ID:	460-162910-2	460-162987-1	460-166807-3	460-166807-1	460-177412-4
	Sample Date/Time:	8/20/2018	8/21/2018	10/11/2018	10/11/2018	3/13/2019
	Sample Depth (ft. bgs):	416	456	445	445	445
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	8.4 JN	NR	NR	NR	NR
Isobutylene	115-11-7	NS	NR	NR	NR	NR	NR
Methanethiol	74-93-1	NS	NR	NR	NR	NR	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	5.5 JN	NR	NR	NR
Propylene	115-07-1	NS	NR	NR	NR	8.9 JN	NR
Thiophene	110-02-1	NS	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	NR	20 J	9 J	5.4 J	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	12 J	5.3 J	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	8.3 J	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

			Sample Name:	MW-CPC-37-R2-GW-445-D	MW-CPC-38-GW-176	MW-CPC-38-GW-196	MW-CPC-38-GW-216	MW-CPC-38-GW-236	MW-CPC-38-GW-255
			Lab ID:	460-177412-5	460-163494-1	460-163603-1	460-163603-2	460-163603-3	460-163603-4
			Sample Date/Time:	3/13/2019	8/29/2018	8/29/2018	8/29/2018	8/30/2018	8/30/2018
			Sample Depth (ft. bgs):	445	176	196	216	236	255
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
SW8260C									
1,1,1-Trichloroethane	71-55-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5		1.8	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50		5 U	19	8.5	5.5	5.2	5 U
Benzene	71-43-2	1		1 U	**18**	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	5		NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	1 U	0.37 J
Bromoform	75-25-2	50		1 UJ	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5		1 UJ	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60		0.27 J	1.5	1 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5		1 U	1 U	3.8	3.7	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		4.8	1.4	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50		1 U	1 U	0.42 J	1 U	1 U	0.88 J
Dichlorodifluoromethane	75-71-8	5		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5		1 U	0.59 J	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS		NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		5 U	8.7	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS		1 U	1 U	1 U	1 U	1 U	1 U

	Sample Name:	MW-CPC-37-R2-GW-445-D	MW-CPC-38-GW-176	MW-CPC-38-GW-196	MW-CPC-38-GW-216	MW-CPC-38-GW-236	MW-CPC-38-GW-255
	Lab ID:	460-177412-5	460-163494-1	460-163603-1	460-163603-2	460-163603-3	460-163603-4
	Sample Date/Time:	3/13/2019	8/29/2018	8/29/2018	8/29/2018	8/30/2018	8/30/2018
	Sample Depth (ft. bgs):	445	176	196	216	236	255
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS	10 U	12	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1.8	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	1 U	3.8	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	0.79 J	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1	**7.3** J	***50*** U	***50*** U	***50*** U	***50*** U	***50*** U
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS	NR	NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	5.5 JN	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS	NR	15 JN	21 JN	NR	20 JN	16 JN
1-Pentene	109-67-1	NS	NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	66 JN	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	8.1 JN	NR	NR	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS	NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	9.8 JN	9 JN	NR	NR	NR
2-Methylthiophene	554-14-3	NS	NR	NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS	NR	NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS	NR	NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5	NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS	NR	75 JN	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS	NR	12 JN	NR	NR	NR	NR
Heptanal	111-71-7	NS	NR	NR	NR	NR	NR	NR

	Sample Name:	MW-CPC-37-R2-GW-445-D	MW-CPC-38-GW-176	MW-CPC-38-GW-196	MW-CPC-38-GW-216	MW-CPC-38-GW-236	MW-CPC-38-GW-255
	Lab ID:	460-177412-5	460-163494-1	460-163603-1	460-163603-2	460-163603-3	460-163603-4
	Sample Date/Time:	3/13/2019	8/29/2018	8/29/2018	8/29/2018	8/30/2018	8/30/2018
	Sample Depth (ft. bgs):	445	176	196	216	236	255
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	NR	NR	12 JN	NR	7.8 JN	NR
Isobutylene	115-11-7	NS	NR	64 JN	NR	NR	NR	NR
Methanethiol	74-93-1	NS	NR	130 JN	NR	NR	NR	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	6.8 JN	NR	6.2 JN	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS	NR	160 JN	NR	NR	NR	NR
Thiophene	110-02-1	NS	NR	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	NR	9 J	NR	NR	NR	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	15 JN	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

			Sample Name:	MW-CPC-38-GW-296	MW-CPC-38-GW-316	MW-CPC-38-GW-336	MW-CPC-38-GW-356	MW-CPC-38-GW-376	MW-CPC-38-GW-396
			Lab ID:	460-163682-1	460-163682-2	460-163802-1	460-163878-1	460-163878-2	460-163878-3
			Sample Date/Time:	8/30/2018	8/31/2018	9/4/2018	9/4/2018	9/4/2018	9/5/2018
			Sample Depth (ft. bgs):	296	316	336	356	376	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
SW8260C									
1,1,1-Trichloroethane	71-55-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50		6.2	5 U	5 U	5 U	5 U	50
Acetone	67-64-1	50		**340**	7.6	5 U	26	5 U	**410**
Benzene	71-43-2	1		**54**	1 U	1 U	**23**	1 U	**180**
Bromochloromethane	74-97-5	5		NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60		0.39 J	0.33 J	0.62 JB	1 U	1 U	0.59 J
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5		**12**	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS		1 U	1 U	1 U	1 U	1 U	1.9
Dibromochloromethane	124-48-1	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5		2.6	1 U	1 U	1 U	1 U	**44**
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	1 U	1 U	1 U	2
m,p-Xylene	179601-23-1	NS		NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS		39	5 U	5 U	1.7 J	5 U	14
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		**72**	1.9 J	5 U	5	5 U	**170**
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS		1 U	1 U	1 U	1 U	1 U	2.2

	Sample Name:	MW-CPC-38-GW-296	MW-CPC-38-GW-316	MW-CPC-38-GW-336	MW-CPC-38-GW-356	MW-CPC-38-GW-376	MW-CPC-38-GW-396
	Lab ID:	460-163682-1	460-163682-2	460-163802-1	460-163878-1	460-163878-2	460-163878-3
	Sample Date/Time:	8/30/2018	8/31/2018	9/4/2018	9/4/2018	9/4/2018	9/5/2018
	Sample Depth (ft. bgs):	296	316	336	356	376	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5	0.85 J	1 U	1 U	1 U	1 U	**19**
Tert-Butyl Alcohol	75-65-0	NS	21	10 U	10 U	10 U	10 U	56
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	**9.9**	1 U	1 U	4.9	1 U	**170**
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U	1 UT	1 UT	1 UT
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5	3.4	2 U	2 U	1 J	2 U	**100**
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1	***50*** U	***50*** U	***50*** U	***50*** U	***50*** U	***50*** U
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR	NR	NR	**17** JN
1-Butene	106-98-9	NS	NR	NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR	NR	NR	17 JN
1-Nonanal	124-19-6	NS	NR	6.5 JN	NR	6 JN	NR	NR
1-Pentene	109-67-1	NS	NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS	8.2 JN	NR	NR	NR	NR	24 JN
2-Methyl Butane	78-78-4	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	NR	NR	NR	NR	NR
2-Methylthiophene	554-14-3	NS	NR	NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS	35 JN	NR	NR	NR	NR	23 JN
3-Methylthiophene	616-44-4	NS	NR	NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5	NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR	NR	NR	16 JN
Ethanethiol	75-08-1	NS	NR	NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS	NR	NR	NR	NR	NR	NR
Heptanal	111-71-7	NS	21 JN	NR	NR	5.9 JN	NR	NR

	Sample Name:	MW-CPC-38-GW-296	MW-CPC-38-GW-316	MW-CPC-38-GW-336	MW-CPC-38-GW-356	MW-CPC-38-GW-376	MW-CPC-38-GW-396
	Lab ID:	460-163682-1	460-163682-2	460-163802-1	460-163878-1	460-163878-2	460-163878-3
	Sample Date/Time:	8/30/2018	8/31/2018	9/4/2018	9/4/2018	9/4/2018	9/5/2018
	Sample Depth (ft. bgs):	296	316	336	356	376	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	19 JN	NR	NR	12 JN	NR	NR
Isobutylene	115-11-7	NS	NR	NR	NR	NR	NR	110 JN
Methanethiol	74-93-1	NS	NR	NR	NR	NR	NR	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	9.4 JN	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS	NR	NR	NR	NR	NR	57 JN
Thiophene	110-02-1	NS	NR	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	44 J	NR	21 J	NR	NR	38 J
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	40 J	NR	12 J	NR	NR	21 J
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	33 J	NR	7.8 J	NR	NR	17 J
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	19 J	NR	5 J	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	6.7 J	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

			Sample Name:	MW-CPC-38-GW-406	MW-CPC-38-R1-GW-391	MW-CPC-38-R2-GW-391	MW-CPC-39-GW-176	MW-CPC-39-GW-196	MW-CPC-39-GW-216
			Lab ID:	460-163878-4	460-169051-1	460-177412-6	460-164455-1	460-164455-2	460-164546-1
			Sample Date/Time:	9/5/2018	11/9/2018	3/13/2019	9/12/2018	9/12/2018	9/12/2018
			Sample Depth (ft. bgs):	406	391	391	176	196	216
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target									
SW8260C									
1,1,1-Trichloroethane	71-55-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5		1 U	1 UT	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5		1 U	1 U	1 UT	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6		***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50		5 U	5 U	5 U	5 U	5 U	5.4
Benzene	71-43-2	1		1 U	1 U	1 UT	1 U	1 U	1 U
Bromochloromethane	74-97-5	5		NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50		1 U	1 U	1 UJ	1 U	1 U	1 U
Bromomethane	74-83-9	5		1 U	1 U	1 UJ	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60		1 U	1 U	0.39 J	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5		1 U	1 U	1 U	0.64 J	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS		1 U	1 UT	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5		1 U	1 UT	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	98-82-8	5		1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS		NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS		1 U	1 UT	1 U	1 U	1 U	1 U

	Sample Name:	MW-CPC-38-GW-406	MW-CPC-38-R1-GW-391	MW-CPC-38-R2-GW-391	MW-CPC-39-GW-176	MW-CPC-39-GW-196	MW-CPC-39-GW-216
	Lab ID:	460-163878-4	460-169051-1	460-177412-6	460-164455-1	460-164455-2	460-164546-1
	Sample Date/Time:	9/5/2018	11/9/2018	3/13/2019	9/12/2018	9/12/2018	9/12/2018
	Sample Depth (ft. bgs):	406	391	391	176	196	216
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS	10 U	10 U	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1 U	1 U	**11**	1 U	1 U
Toluene	108-88-3	5	1 U	0.38 J	0.42 J	1 U	1 U	1 U
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1	***50*** U	**2**	0.26 J	***50*** U	***50*** U	***50*** U
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS	NR	NR	NR	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS	NR	NR	NR	NR	NR	NR
1-Pentene	109-67-1	NS	NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	NR	NR	NR	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS	NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	NR	NR	NR	5.1 JN	NR
2-Methylthiophene	554-14-3	NS	NR	NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS	NR	NR	NR	NR	NR	NR
3-Methylthiophene	616-44-4	NS	NR	NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR	NR	NR	NR
Acrolein	107-02-8	5	NR	NR	NR	NR	NR	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS	NR	NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS	NR	NR	NR	NR	NR	NR
Heptanal	111-71-7	NS	NR	NR	NR	NR	NR	NR

	Sample Name:	MW-CPC-38-GW-406	MW-CPC-38-R1-GW-391	MW-CPC-38-R2-GW-391	MW-CPC-39-GW-176	MW-CPC-39-GW-196	MW-CPC-39-GW-216
	Lab ID:	460-163878-4	460-169051-1	460-177412-6	460-164455-1	460-164455-2	460-164546-1
	Sample Date/Time:	9/5/2018	11/9/2018	3/13/2019	9/12/2018	9/12/2018	9/12/2018
	Sample Depth (ft. bgs):	406	391	391	176	196	216
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	NR	NR	NR	NR	NR	NR
Isobutylene	115-11-7	NS	NR	NR	NR	NR	NR	NR
Methanethiol	74-93-1	NS	NR	NR	NR	NR	NR	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	NR	NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	NR	NR
Propylene	115-07-1	NS	NR	NR	NR	NR	11 JN	NR
Thiophene	110-02-1	NS	NR	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	NR	NR	NR	NR	7 J	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	NR	NR	NR	5.1 J	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

	Sample Name:	MW-CPC-39-GW-256	MW-CPC-39-GW-274	MW-CPC-39-GW-336	MW-CPC-39-GW-352	MW-CPC-39-GW-374	MW-CPC-39-GW-396
	Lab ID:	460-164546-2	460-164667-1	460-164812-1	460-164812-2	460-164892-1	460-164892-2
	Sample Date/Time:	9/13/2018	9/14/2018	9/17/2018	9/17/2018	9/17/2018	9/18/2018
	Sample Depth (ft. bgs):	256	274	336	352	374	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Target								
SW8260C								
1,1,1-Trichloroethane	71-55-6	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	5 U	42	5 U	10	**200**	5 U
Benzene	71-43-2	1	1 U	**4.1**	1 U	1 U	**11**	1 U
Bromochloromethane	74-97-5	5	NR	NR	NR	NR	NR	NR
Bromodichloromethane	75-27-4	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	1 U	1 UT	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	60	0.46 JB	0.94 J	1 U	0.35 J	0.73 J	1 U
Carbon Tetrachloride	56-23-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	1 U	1 U	1 U	1 U	**5.7**	1 U
Cis-1,2-Dichloroethylene	156-59-2	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5	1 U	0.76 J	1 U	1 U	2.3	1 U
Isopropylbenzene (Cumene)	98-82-8	5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS	NR	NR	NR	NR	NR	NR
Methyl Acetate	79-20-9	NS	5 U	6.3	5 U	5 U	30	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	5 U	17	5 U	2.8 J	**76**	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS	1 U	1 U	1 U	1 U	1 U	1 U

	Sample Name:	MW-CPC-39-GW-256	MW-CPC-39-GW-274	MW-CPC-39-GW-336	MW-CPC-39-GW-352	MW-CPC-39-GW-374	MW-CPC-39-GW-396
	Lab ID:	460-164546-2	460-164667-1	460-164812-1	460-164812-2	460-164892-1	460-164892-2
	Sample Date/Time:	9/13/2018	9/14/2018	9/17/2018	9/17/2018	9/17/2018	9/18/2018
	Sample Depth (ft. bgs):	256	274	336	352	374	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR	NR	NR	NR
Styrene	100-42-5	5	1 U	1 U	1 U	1 U	1.3	1 U
Tert-Butyl Alcohol	75-65-0	NS	10 U	10 U	10 U	10 U	24	10 U
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	1 U	4	1 U	1 U	**8.6**	1 U
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5	2 U	2.1	2 U	2 U	**5.2**	2 U
SW8270DSIM/SW8260C								
1,4-Dioxane	123-91-1	1	***50*** U	***50*** U	***50*** U	***50*** U	***50*** U	***50*** U
TIC								
SW8260C								
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR	NR	NR	NR
1-Butene	106-98-9	NS	NR	NR	NR	5.2 JN	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	NR	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR	NR	NR	NR
1-Nonanal	124-19-6	NS	NR	NR	NR	8.2 JN	25 JN	NR
1-Pentene	109-67-1	NS	NR	NR	NR	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	NR	NR	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	NR	NR	11 JN	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR	NR	NR	NR
2-Heptanone	110-43-0	NS	NR	NR	NR	NR	NR	NR
2-Methyl Butane	78-78-4	NS	NR	NR	NR	5.7 JN	NR	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR	6.8 JN	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	NR	NR	NR	8.3 JN	NR
2-Methylthiophene	554-14-3	NS	NR	NR	NR	NR	NR	NR
2-Octanone	111-13-7	NS	NR	NR	NR	NR	9.6 JN	NR
3-Methylthiophene	616-44-4	NS	NR	NR	NR	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR	NR	29 JN	NR
Acrolein	107-02-8	5	NR	NR	NR	NR	**160** JN	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR	NR	NR	NR
Ethanethiol	75-08-1	NS	NR	NR	NR	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS	NR	NR	NR	17 JN	NR	NR
Heptanal	111-71-7	NS	NR	NR	NR	NR	29 JN	NR

	Sample Name:	MW-CPC-39-GW-256	MW-CPC-39-GW-274	MW-CPC-39-GW-336	MW-CPC-39-GW-352	MW-CPC-39-GW-374	MW-CPC-39-GW-396
	Lab ID:	460-164546-2	460-164667-1	460-164812-1	460-164812-2	460-164892-1	460-164892-2
	Sample Date/Time:	9/13/2018	9/14/2018	9/17/2018	9/17/2018	9/17/2018	9/18/2018
	Sample Depth (ft. bgs):	256	274	336	352	374	396
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS	NR	NR	NR	NR	64 JN	NR
Isobutylene	115-11-7	NS	NR	7.8 JN	NR	41 JN	NR	NR
Methanethiol	74-93-1	NS	NR	NR	NR	NR	NR	NR
Methyl Disulfide	624-92-0	NS	NR	NR	NR	NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS	NR	NR	NR	NR	NR	NR
Methyl Sulfide	75-18-3	NS	NR	NR	NR	NR	NR	NR
N-Pentane	109-66-0	NS	NR	NR	NR	NR	NR	NR
Octanal	124-13-0	NS	NR	NR	NR	NR	12 JN	NR
Pentanal (Valeraldehyde)	110-62-3	NS	NR	NR	NR	NR	13 JN	NR
Propylene	115-07-1	NS	NR	12 JN	NR	67 JN	NR	NR
Thiophene	110-02-1	NS	NR	NR	NR	NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS	NR	NR	NR	NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS	NR	NR	NR	NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS	NR	NR	NR	NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate

	Sample Name:	MW-CPC-39-GW-406	MW-CPC-39-R1-GW-374	MW-CPC-39-R2-GW-374
	Lab ID:	460-164892-3	200-46151-4	460-177412-8
	Sample Date/Time:	9/18/2018	11/8/2018	3/14/2019
	Sample Depth (ft. bgs):	406	374	374
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual
Target					
SW8260C					
1,1,1-Trichloroethane	71-55-6	5	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	1 U	1 U	1 UT
1,1-Dichloroethene	75-35-4	5	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	5	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	10	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	***1*** U	***1*** U	***1*** U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	***1*** U	***1*** U	***1*** U
1,2-Dichlorobenzene	95-50-1	3	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	***1*** U	***1*** U	***1*** U
1,2-Dichloropropane	78-87-5	1	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	1 U	1 U	1 U
2-Hexanone	591-78-6	50	5 U	5 U	5 U
Acetone	67-64-1	50	5 U	5 U	5 U
Benzene	71-43-2	1	1 U	1 U	1 UT
Bromochloromethane	74-97-5	5	NR	NR	NR
Bromodichloromethane	75-27-4	50	1 U	1 U	1 U
Bromoform	75-25-2	50	1 U	1 U	1 UJ
Bromomethane	74-83-9	5	1 U	1 UJ	1 UJ
Carbon Disulfide	75-15-0	60	1 U	1 U	0.52 J
Carbon Tetrachloride	56-23-5	5	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	1 U	1 U	1 U
Chloroethane	75-00-3	5	1 U	1 U	1 U
Chloroform	67-66-3	7	1 U	1 U	1 U
Chloromethane	74-87-3	5	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	156-59-2	5	1 U	1 U	1 U
Cis-1,3-Dichloropropene	10061-01-5	5	1 U	1 U	1 U
Cyclohexane	110-82-7	NS	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	1 U	1 U	1 U
Ethylbenzene	100-41-4	5	1 U	1 U	1 U
Isopropylbenzene (Cumene)	98-82-8	5	1 U	1 U	1 U
m,p-Xylene	179601-23-1	NS	NR	NR	NR
Methyl Acetate	79-20-9	NS	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	5 U	5 U	5 U
Methylcyclohexane	108-87-2	NS	1 U	1 U	1 U

	Sample Name:	MW-CPC-39-GW-406	MW-CPC-39-R1-GW-374	MW-CPC-39-R2-GW-374
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	Sample Date/Time:	9/18/2018	11/8/2018	3/14/2019
	Sample Depth (ft. bgs):	406	374	374
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**	Result/Qual	Result/Qual	Result/Qual
Methylene Chloride	75-09-2	5	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NR	NR	NR
Styrene	100-42-5	5	1 U	1 U	1 U
Tert-Butyl Alcohol	75-65-0	NS	10 U	10 U	10 U
Tert-Butyl Methyl Ether	1634-04-4	10	1 U	1 U	1 U
Tetrachloroethylene (PCE)	127-18-4	5	1 U	1 U	1 U
Toluene	108-88-3	5	1 U	0.43 J	0.38 J
Trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	1 U
Trans-1,3-Dichloropropene	10061-02-6	5	1 U	1 U	1 U
Trichloroethylene (TCE)	79-01-6	5	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	1 U
Xylenes, Total	1330-20-7	5	2 U	2 U	2 U
SW8270DSIM/SW8260C					
1,4-Dioxane	123-91-1	1	***50*** U	0.21 U	0.4 U
TIC					
SW8260C					
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NR	NR	NR
1-Butene	106-98-9	NS	NR	NR	NR
1-Ethylidene- Indene	2471-83-2	NS	NR	NR	NR
1-Hexene	592-41-6	NS	NR	NR	NR
1-Nonanal	124-19-6	NS	NR	NR	NR
1-Pentene	109-67-1	NS	NR	NR	NR
1-Propanethiol	107-03-9	NS	NR	NR	NR
2,3-Dimethylthiophene	632-16-6	NS	NR	NR	NR
2-Ethylhexyl Aldehyde	123-05-7	NS	NR	NR	NR
2-Ethylthiophene	872-55-9	NS	NR	NR	NR
2-Heptanone	110-43-0	NS	NR	NR	NR
2-Methyl Butane	78-78-4	NS	NR	NR	NR
2-Methyl-1-Butene	563-46-2	NS	NR	NR	NR
2-Methyl-1-Pentene	763-29-1	NS	NR	NR	NR
2-Methylnaphthalene	91-57-6	NS	NR	NR	NR
2-Methylthiophene	554-14-3	NS	NR	NR	NR
2-Octanone	111-13-7	NS	NR	NR	NR
3-Methylthiophene	616-44-4	NS	NR	NR	NR
Acetaldehyde	75-07-0	NS	NR	NR	NR
Acrolein	107-02-8	5	NR	NR	NR
Cis-2-Pentene	627-20-3	NS	NR	NR	NR
Cyclohexene	110-83-8	NS	NR	NR	NR
Ethanethiol	75-08-1	NS	NR	NR	NR
Ethylcyclopropane	1191-96-4	NS	NR	NR	NR
Heptanal	111-71-7	NS	NR	NR	NR

			Sample Name:	MW-CPC-39-GW-406	MW-CPC-39-R1-GW-374	MW-CPC-39-R2-GW-374
			Lab ID:	460-164892-3	200-46151-4	460-177412-8
			Sample Date/Time:	9/18/2018	11/8/2018	3/14/2019
			Sample Depth (ft. bgs):	406	374	374
Target Compound or TIC/Method/Analyte	**CAS**	**GWQS**		Result/Qual	Result/Qual	Result/Qual
Hexanal	66-25-1	NS		NR	NR	NR
Isobutylene	115-11-7	NS		NR	NR	NR
Methanethiol	74-93-1	NS		NR	NR	NR
Methyl Disulfide	624-92-0	NS		NR	NR	NR
Methyl N-Propyl Ketone	107-87-9	NS		NR	NR	NR
Methyl Sulfide	75-18-3	NS		NR	NR	NR
N-Pentane	109-66-0	NS		NR	NR	NR
Octanal	124-13-0	NS		NR	NR	NR
Pentanal (Valeraldehyde)	110-62-3	NS		NR	NR	NR
Propylene	115-07-1	NS		NR	NR	NR
Thiophene	110-02-1	NS		NR	NR	NR
Unknown Alkane 1	UNKALKANE:	NS		NR	NR	NR
Unknown VOC With 1st Highest Conc.	UNKVOA1	NS		NR	NR	NR
Unknown VOC With 2nd Highest Conc.	UNKVOA2	NS		NR	NR	NR
Unknown VOC With 3rd Highest Conc.	UNKVOA3	NS		NR	NR	NR
Unknown VOC With 4th Highest Conc.	UNKVOA4	NS		NR	NR	NR
Unknown VOC With 5th Highest Conc.	UNKVOA5	NS		NR	NR	NR
Unknown With 1st Highest Conc.	UNKNOWN1	NS		NR	NR	NR

Footnotes:
GWQS and Results Units: µg/l (micrograms per liter)
Bold, highlighted result - exceeds standard
Bold, italicized result - non-detect but reporting limit exceeds standard
"Standards" - 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards (GWQS) and Guidance Values; and TOGs 1.1.1 Ambient Water Quality Standards and Guidance Values, June 1998
1,4-Dioxane were compared to suggested NYS Drinking Water Quality Co
NS - no standard or criterion. B - analyte in lab blank
U - analyzed for but not detected
J - estimated concentration. N - presumptive evidence of a compound
T - result is a tentatively identified compound (TIC) and an estimated valu
NR - result analysis not reported or performed by laboratory
Sample Name end letters : D - dup; B - blank; P - Pace;
MS - matrix spike; MSD - matrix spike duplicate