DW Stoner & Associates, LLC

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February 10, 2018

Michael Belveg
Project Manager
NYSDEC Region 7
615 Erie Boulevard West
Syracuse, NY 13209

Re: Quarterly Monitoring for Brownfield Site #C734102

Dear Mr. Belveg,

The purpose of this letter report is to submit the results of the fourth quarter 2017 groundwater monitoring at the Pass and Seymour site located at 50 Boyd Ave, Solvay NY. The monitoring was completed in conformance with the approved Site Management Plan (SMP) for this site, which was issued a Certificate of Completion on December 16, 2010.

The quarterly groundwater sampling was conducted in accordance with the SMP and for purposes of monitoring:

1. The effectiveness of two phases of the In-Situ Chemical Oxidation System Remedy utilized for two areas of concern, and

2. To evaluate chlorinated VOC levels in the western portion of the site.

There are six (6) observation wells in AOC-1 overburden screened in the till/fill unit above the top of competent bedrock, to monitor ISCO effectiveness: MW05-02, MW05-03, MW05-04, MW05-05, MW05-10 and MW05-11.

There are six (6) observation wells in AOC -1 screened in the upper fifteen feet of bedrock to monitor ISCO effectiveness: OW1-1, OW1-2, OW1-3, OW1-4, BR09-37 and BR09-39. Wells BR 10-46 and BR 10-47 have also been added to the quarterly monitoring program.

In AOC-2, there are five (5) observation wells screened in the overburden till/weathered shale unit to monitor ISCO effectiveness: IW2-1, IW2-3, OW2-2, OB09-36, and OB09-38.

In the northwest corner of the site, a pair of wells screened in overburden (MW05-21) and bedrock (BR07-31) are also monitored quarterly for VOC's.

As required in the Site Management Plan once a year monitoring is also conducted for one upgradient well (BR07-32) and three downgradient, offsite wells BR08-33, BR08-34 and BR08-35. That sampling is completed during the third quarter of the calendar year.

Monitoring was conducted in accordance with the Field Sampling Plan included in the approved SMP. Sampling was completed on December 18, 2017. The Groundwater Field Sampling logs are included as Attachment A. The following were noteworthy observations or actions taken during sampling:

1. An apparent oily substance was observed in well OW1-2. The presence of this substance has been observed since this well was installed prior to issuance of the Certificate of Completion. Due to the presence of the oily material field parameters were not measured in this well. Despite the presence of this material the concentrations of Semi-volatile organic compounds have decreased to relatively low concentrations in comparison to pre-ISCO results.

2. Wells MW 05-02, MW05-03, MW05-04, MW05-05 and MW05-11 had insufficient water to sample.

Groundwater Monitoring Results:

Locations of groundwater monitoring wells are shown on Figure 1. Field observations are shown on Tables 1 and 2. The analytical results are shown on Table 3.

Please contact me if you have any questions.

Very Truly Yours,

David W. Stoner, P.G.
President

Legend:

MW05-26 — Location and Identification of monitoring well sampled as part of post-ISCO monitoring

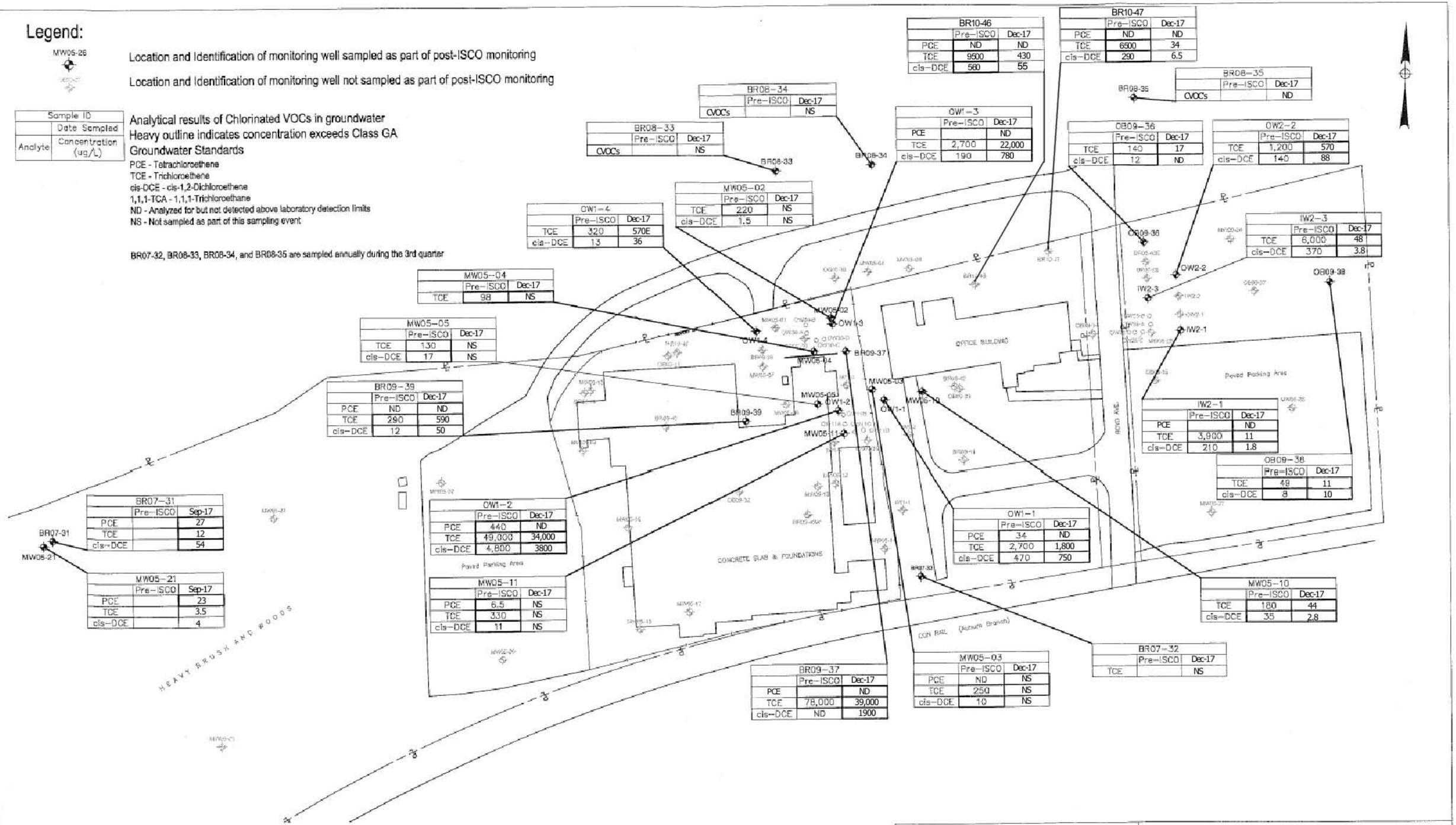
Location and Identification of monitoring well not sampled as part of post-ISCO monitoring

Sample ID	
	Date Sampled
Analyte	Concentration (ug/L)

Analytical results of Chlorinated VOCs in groundwater
Heavy outline indicates concentration exceeds Class GA Groundwater Standards

PCE - Tetrachloroethene
TCE - Trichloroethene
cis-DCE - cis-1,2-Dichloroethene
1,1,1-TCA - 1,1,1-Trichloroethane
ND - Analyzed for but not detected above laboratory detection limits
NS - Not sampled as part of this sampling event

BR07-32, BR08-33, BR08-34, and BR08-35 are sampled annually during the 3rd quarter



BR10-46	Pre-ISCO	Dec-17
PCE	ND	ND
TCE	9500	430
cis-DCE	560	55

BR10-47	Pre-ISCO	Dec-17
PCE	ND	ND
TCE	6500	34
cis-DCE	290	6.5

BR08-35	Pre-ISCO	Dec-17
CVOCs		ND

BR08-34	Pre-ISCO	Dec-17
CVOCs		NS

BR08-33	Pre-ISCO	Dec-17
CVOCs		NS

OW1-3	Pre-ISCO	Dec-17
PCE		ND
TCE	2,700	22,000
cis-DCE	190	780

OB09-36	Pre-ISCO	Dec-17
TCE	140	17
cis-DCE	12	ND

OW2-2	Pre-ISCO	Dec-17
TCE	1,200	570
cis-DCE	140	88

MW05-02	Pre-ISCO	Dec-17
TCE	220	NS
cis-DCE	1.5	NS

OW1-4	Pre-ISCO	Dec-17
TCE	320	570E
cis-DCE	13	36

IW2-3	Pre-ISCO	Dec-17
TCE	6,000	48
cis-DCE	370	3.8

MW05-04	Pre-ISCO	Dec-17
TCE	98	NS

MW05-05	Pre-ISCO	Dec-17
TCE	130	NS
cis-DCE	17	NS

BR09-39	Pre-ISCO	Dec-17
PCE	ND	ND
TCE	290	590
cis-DCE	12	50

IW2-1	Pre-ISCO	Dec-17
PCE		ND
TCE	3,900	11
cis-DCE	210	1.8

OB09-38	Pre-ISCO	Dec-17
TCE	49	11
cis-DCE	8	10

BR07-31	Pre-ISCO	Sep-17
PCE		27
TCE		12
cis-DCE		54

OW1-2	Pre-ISCO	Dec-17
PCE	440	ND
TCE	49,000	34,000
cis-DCE	4,800	3800

OW1-1	Pre-ISCO	Dec-17
PCE	34	ND
TCE	2,700	1,800
cis-DCE	470	750

MW05-21	Pre-ISCO	Sep-17
PCE		23
TCE		3.5
cis-DCE		4

MW05-11	Pre-ISCO	Dec-17
PCE	6.5	NS
TCE	330	NS
cis-DCE	11	NS

MW05-10	Pre-ISCO	Dec-17
TCE	180	44
cis-DCE	35	2.8

BR09-37	Pre-ISCO	Dec-17
PCE		ND
TCE	78,000	39,000
cis-DCE	ND	1900

MW05-03	Pre-ISCO	Dec-17
PCE	ND	NS
TCE	250	NS
cis-DCE	10	NS

BR07-32	Pre-ISCO	Dec-17
TCE		NS

SCALE IN FEET
27.5 0 55 110

SURVEY NOTE
BASED ON A FIGURE PREPARED BY SSA REDEVELOPMENT OF NORTH AMERICA DECEMBER 2011
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID M. HAUNG, L.S. 4749, LAST REVISED BY HAUNG ON JUNE 22, 1994.
DATUM CORRECTIONS AND MONITORING WELL LOCATIONS BY BRYANT ASSOCIATES, P.C. WE AS SURVEYED ON NOVEMBER 8, 2015, and January 7, 2016.

DW Stoner & Associates LLC

Manlius, New York

DATE: 01/08/2018 JOB No: 1223

Pass & Seymour, Inc./Boyd Avenue
50 Boyd Avenue
Solvay, New York
Post-ISCO Groundwater Monitoring

Figure 1 – Analytical Results for Chlorinated VOCs in Groundwater

X-REF: NAME(S)
T1/Opr/Syr/Item
J:\PROJECTS\N-xxxx\N1100\N1103 - Pass & Seymour OM&M\4th Quarter 2011 - Phase1\DW Results.dwg

Table 1 Groundwater Elevations Pass and Seymour

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation	Volume (gal)
BR07-31	3/28/17	Top of PVC	410.18	5.83	20.0	404.35	2.3
	6/26/17	Top of PVC	410.18	8.31	20.0	401.87	1.89
	9/28/17	Top of PVC	410.18	9.95	20.0	400.23	1.65
	12/18/17	Top of PVC	410.18	9.31	20.0	400.87	1.75
BR07-32	3/28/17	Top of PVC	426.82	NS	20	NS	NS
	6/26/17	Top of PVC	426.82	NS	20	NS	NS
	9/28/17	Top of PVC	426.82	NM	20	NM	0.75
	12/18/17	Top of PVC	426.82	NM	NS	NM	NM
BR08-33	3/28/17	Top of PVC	408.11	NS	42	NS	NS
	6/26/17	Top of PVC	408.11	NS	42	NS	NS
	9/28/17	Top of PVC	408.11	10.14	42	397.97	5.24
	12/18/17	Top of PVC	408.11	NM	42	NM	NM
BR08-34	3/28/17	Top of PVC	408.96	NS	42	NS	NS
	6/26/17	Top of PVC	408.96	NS	42	NS	NS
	9/28/17	Top of PVC	408.96	13.3	42	395.66	4.72
	12/18/17	Top of PVC	408.96	NM	42	NM	NM
BR08-35	3/28/17	Top of PVC	408.35	NS	31	NS	NS
	6/26/17	Top of PVC	408.35	NS	31	NS	NS
	9/28/17	Top of PVC	408.35	NM	31	NM	NM
	12/18/17	Top of PVC	408.35	NM	31	NM	NM
BR09-37	3/28/17	Top of PVC	417.85	15.31	24.28	402.54	1.5
	6/26/17	Top of PVC	417.85	18.3	24.28	399.55	1.01
	9/28/17	Top of PVC	417.85	20.84	24.28	397.01	0.56
	12/18/17	Top of PVC	417.85	19.4	24.28	398.45	0.8
BRO9-39	3/28/17	Top of PVC	424.06	18.2	30.22	405.86	2.01
	6/26/17	Top of PVC	424.06	21.82	30.22	402.24	1.41
	9/28/17	Top of PVC	424.06	19.9	30.22	404.16	1.7
	12/18/17	Top of PVC	424.06	24.15	30.22	399.91	1.3
BR10-46	3/28/17	Top of PVC	417.10	10.16	27	406.94	2.71
	6/26/17	Top of PVC	417.10	12.86	27	404.24	2.26
	9/28/17	Top of PVC	417.10	15.3	27	401.6	3
	12/18/17	Top of PVC	417.10	13.91	27	403.15	2.2
BR10-47	3/28/17	Top of PVC	416.67	10.25	28	406.42	2.86
	6/26/17	Top of PVC	416.67	12.93	28	403.74	2.4
	9/28/17	Top of PVC	416.67	15.3	28	401.37	2
	12/18/17	Top of PVC	416.67	13.98	28	402.65	2.3
IW2-1	3/28/17	Top of PVC	418.25	15.27	34.35	402.98	13.53
	6/26/17	Top of PVC	418.25	17.91	34.35	400.34	11.8
	9/28/17	Top of PVC	418.25	20.23	34.35	398.02	9.3

Table 1 Groundwater Elevations Pass and Seymour

	12/18/17	Top of PVC	418.25	18.88	34.35	399.37	11.0
IW2-3	3/28/17	Top of PVC	416.62	13.59	34.60	403.03	13.85
	6/26/17	Top of PVC	416.62	16.25	34.60	400.37	12.1
	9/28/17	Top of PVC	416.62	18.56	34.6	398.06	10.5
	12/18/17	Top of PVC	416.62	17.19	34.6	399.43	12.14
MW05-02	3/28/17	Top of PVC	408.83	DRY	9.92	DRY	DRY
	6/26/17	Top of PVC	408.83	DRY	9.92	DRY	DRY
	9/28/17	Top of PVC	408.83	DRY	9.92	DRY	DRY
	12/18/17	Top of PVC	408.83	DRY	9.92	DRY	DRY
MW05-03	3/28/17	Top of PVC	421.42	DRY	13.05	DRY	DRY
	6/26/17	Top of PVC	421.42	DRY	13.05	DRY	DRY
	9/28/17	Top of PVC	421.42	DRY	13.05	DRY	DRY
	12/18/17	Top of PVC	421.42	DRY	13.05	DRY	DRY
MW05-04	3/28/17	Top of PVC	408.45	7.83	10.70	400.62	0.5
	6/26/17	Top of PVC	408.45	DRY	10.70	DRY	DRY
	9/28/17	Top of PVC	408.45	DRY	10.7	DRY	DRY
	12/18/17	Top of PVC	408.45	DRY	10.7	DRY	DRY
MW05-05	3/28/17	Top of PVC	427.82	DRY	18.0	DRY	DRY
	6/26/17	Top of PVC	427.82	DRY	18.0	DRY	DRY
	9/28/17	Top of PVC	427.82	DRY	18.0	DRY	DRY
	12/18/17	Top of PVC	427.82	DRY	18.0	DRY	DRY
MW05-10	3/28/17	Top of PVC	403.89	12.82	19.25	391.07	1.04
	6/26/17	Top of PVC	403.89	16.21	19.25	387.68	0.48
	9/28/17	Top of PVC	403.89	17.04	19.25	386.85	0.36
	12/18/17	Top of PVC	403.89	6.96	19.25	396.93	2.0
MW05-11	3/28/17	Top of PVC	410.0	DRY	14.31	DRY	DRY
	6/26/17	Top of PVC	410.0	DRY	14.31	DRY	DRY
	9/28/17	Top of PVC	410.0	DRY	14.31	DRY	DRY
	12/18/17	Top of PVC	410.0	DRY	14.31	DRY	DRY
MW05-21	3/28/17	Top of PVC	411.46	4.38	11.7	407.08	1.24
	6/26/17	Top of PVC	411.46	5.15	11.7	406.31	1.1
	9/28/17	Top of PVC	411.46	5.61	11.7	405.85	1.0
	12/18/17	Top of PVC	411.46	5.92	11.7	405.54	1.2
OB09-36	3/28/17	Top of PVC	414.84	12.07	33.65	402.77	3.66
	6/26/17	Top of PVC	414.84	14.63	33.65	400.21	3.24
	9/28/17	Top of PVC	414.84	16.78	33.65	398.06	2.85
	12/18/17	Top of PVC	414.84	15.6	33.65	399.24	3.1
OB09-38	3/28/17	Top of PVC	416.68	13.79	33.38	402.89	3.18
	6/26/17	Top of PVC	416.68	16.64	33.38	400.04	2.71
	9/28/17	Top of PVC	416.68	18.69	33.38	397.95	2.38
	12/17/18	Top of PVC	416.68	17.54	33.38	399.14	2.2
OW1-1	3/29/17	Top of PVC	421.40	12.22	23.05	409.18	1.83
	6/26/17	Top of PVC	421.40	11.6	23.05	409.8	1.9

Table 1 Groundwater Elevations Pass and Seymour

	9/28/17	Top of PVC	421.40	18.96	23.05	402.44	1.3
	12/18/17	Top of PVC	421.40	19.0	23.05	402.4	1.5
OW1-2	3/28/17	Top of PVC	421.25	14.43	28.00	406.82	2.22
	6/26/17	Top of PVC	421.25	20.6	28.00	400.65	1.4
	9/28/17	Top of PVC	421.25	21.19	28.00	400.06	1.12
	12/18/17	Top of PVC	421.25	21.05	28.0	400.2	1.15
OW1-3	3/28/17	Top of PVC	417.16	14.23	25.75	402.93	1.92
	6/26/17	Top of PVC	417.16	17.32	25.75	399.84	1.41
	9/28/17	Top of PVC	417.16	20.08	25.75	397.06	0.93
	12/18/17	Top of PVC	417.16	16.52	25.75	400.64	1.2
OW1-4	3/28/17	Top of PVC	419.90	15.32	27.97	404.58	2.09
	6/26/17	Top of PVC	419.90	17.25	27.97	402.65	1.76
	9/28/17	Top of PVC	419.90	21.22	27.97	398.66	1.11
	12/18/17	Top of PVC	419.90	20.18	27.97	399.72	1.4
OW2-2	3/28/17	Top of PVC	416.59	13.62	34.71	402.97	3.51
	6/26/17	Top of PVC	416.59	16.26	34.71	400.33	3.0
	9/28/17	Top of PVC	416.59	18.26	34.71	398.33	3.5
	12/18/17	Top of PVC	416.59	17.76	34.71	398.83	12.0

DTW - Depth to Water
DOW – Depth of Well
(-) – Not measured due to presence of oil layer in well
NA – Not applicable because well was dry
NS- Not Sampled
*** - Not sampled due to presence of permanganate

Table 2 Groundwater Field Parameters, Pass and Seymour

Monitoring Well ID	Date 2017	Time	Temp (^oC)	Conductivity (mmhos/cm)	Salinity	Dissolved Oxygen (%)	pH (units)	Eh (mV)	Turbidity (NTU)	Amount Purged (gal)
BR07-31	3/28	1307	8.3	2700	1.0	0.73	6.93	89	3.07	7.0
	6/26	1135	14.88	2690	1.4	0.75	7.15	94	3.45	5.6
	9/28	1543	15.46	3390	1.72	1.24	7.0	70	7.0	5
	12/18	1350	11.3	3640	NM	NM	7.17	194	1.7	5.25
BR07-32	3/28	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/26	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28	1443	13.98	2030	0.99	10.99	7.5	38	44.8	1.5
	12/18	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-33	3/28	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/26	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28	1454	14.13	6690	1.39	7.71	7.72	-30	37.2	10
	12/19	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-34	3/28	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/26	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28	1507	13.69	6070	2.57	10.29	7.45	38	2.8	15
	12/18	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-35	3/28	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/26	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28	NM	NM	NM	NM	NM	NM	NM	NM	NM
	12/18	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR09-37	3/28	1246	11.8	2600	0.7	0.41	7.26	86	8.72	4.5
	6/26	1216	13.73	2470	1.3	0.44	7.71	33	14.53	3
	9/28	1547	14.87	2620	1.44	16.3	7.45	80	11.28	1.78
	12/18	1239	13.36	3350	1.18	39.6	7.84	146	4.7	2.5
BR09-39	3/28	1209	12.8	1200	0.6	0.61	6.45	168	3.98	6.0
	6/26	1242	14.56	1890	0.64	1.0	7.48	276	2.76	4.25
	9/28	1326	14.87	2430	1.21	4.99	7.26	66	24.4	7.5
	12/18	1317	13.29	2220	1.94	19.9	7.64	189	1.5	3.0
BR10-46	3/28	1221	10.2	5750	0.3	0.93	7.85	58	5.03	8.0
	6/26	1200	14.61	4330	2.3	1.01	7.34	22	11.9	7
	9/28	1316	15.76	3990	1.96	0.97	6.86	46	9.3	9
	12/18	1056	13.66	4400	3.26	37	7.45	164	0.8	6.5
BR10-47	3/28	1231	11.0	2190	1.1	0.43	7.4	85	5.28	8.5
	6/26	1154	14.09	2730	1.4	0.39	7.54	90	5.6	7.2
	9/28	1307	15.75	2110	1.47	5.88	6.61	32	8.6	6
	12/18	1045	13.21	2030	1.23	12.0	7.68	135	24.7	7.0
IW2-1	3/28	1333	11.2	1980	0.5	0.57	6.96	65	16.4	40.5
	6/26	1258	14.1	3100	1.6	0.63	7.53	25	18.5	36
	9/28	1352	13.64	3770	1.98	0.98	7.12	-29	NM	34

Table 2 Groundwater Field Parameters, Pass and Seymour

	12/18	1034	12.8.0	3190	1.19	12.0	7.4	58	21.2	33
IW2-3	3/28	1326	9.6	1770	0.5	0.64	7.51	84	0.2	42
	6/26	1250	14.56	1940	1.0	0.68	7.6	50	5.78	36
	9/28	1345	13.63	3030	1.34	4.99	7.45	59	40.4	31.6
	12/18	1023	12.70	3290	1.96	21.1	7.61	149	57	36
MW05-02	3/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/26	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-03	3/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/26	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-04	3/28	1237	11.1	1150	0.6	0.39	7.2	39	7.95	10.9
	6/26	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-5	3/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/26	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-10	3/28	1354	11.1	8550	3.4	0.61	7.47	70	68.2	3.0
	6/26	1143	14.34	3830	2.0	0.78	7.17	97	4.89	1.5
	9/28	1435	14.55	3870	1.97	6.67	7.42	57	13.3	1.0
	12/18	1145	13.65	4560	4.41	41	7.59	96	59	6.0
MW05-11	3/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/26	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-21	3/28	1311	7.9	1900	0.3	0.63	7.38	70	3.34	4.0
	6/26	1130	16.62	1620	0.8	0.57	6.7	137	5.01	3.3
	9/28	1333	19.92	2310	1.19	13	7.49	55	0.1	3
	12/18	1358	10.39	2490	NM	NM	7.15	228	2.8	3.0
OB09-36	3/28	1319	9.3	5060	1.2	0.77	7.36	58	26.8	12
	6/26/17	1316	13.15	4730	2.5	0.77	7.21	35	7.2	10
	9/28	1335	13.35	4610	2.01	4.01	7.25	54	6.8	8.5
	12/18	0916	11.46	5400	1.76	10.1	7.18	155	10.6	9.2
OB09-38	3/28	1344	10.9	3990	1.3	0.95	7.0	64	29.7	10
	6/26	1327	13.48	4140	2.2	0.45	7.37	57	10.4	8

Table 2 Groundwater Field Parameters, Pass and Seymour

	9/28	1408	13.19	3840	1.98	5.14	7.07	8	17.7	2.1
	12/18	1004	11.85	4720	1.35	12.3	7.3	154	5.3	6.75
OW1-1	3/28	1401	11.0	2020	0.5	0.74	7.53	87	6.54	5.5
	6/26	1148	14.03	4240	2.2	0.75	7.17	82	4.37	5.5
	9/28	1431	14.01	4060	2.3	11.39	7.36	51	18.4	1.25
	12/18	1208	13.85	4840	3.92	40.3	7.62	116	10.6	4.5
OW1-2	3/28	NM	NM	NM	NM	NM	NM	NM	NM	NM
	6/26	NM	NM	NM	NM	NM	NM	NM	NM	NM
	9/28	NM	NM	NM	NM	NM	NM	NM	NM	NM
	12/18	NM	NM	NM	NM	NM	NM	NM	NM	3.5
OW1-3	3/28	1248	10.7	4050	1.4	0.7	7.3	87	11.06	6.0
	6/26	1209	14.01	3260	1.7	0.67	7.47	55	5.46	4.24
	9/28	1537	15.43	1990	0.98	15.11	7.59	62	3.27	3
	12/18	1329	14.42	3460	4.15	42.9	7.61	261	2.1	3.0
OW1-4	3/28	1216	12.3	1160	0.6	0.3	7.22	52	5.31	6.5
	6/26	1233	14.17	1520	0.7	0.34	7.6	46	7.6	5.3
	9/28	1555	15.42	1330	0.67	13.28	7.55	68	4.1	3.5
	12/18	1311	15.0	1420	4.45	4.6	7.47	151	2.8	4.1
OW2-2	3/28	1336	11.1	4030	1.3	0.56	7.01	75	28.2	10.5
	6/26	1308	13.57	3750	2.0	0.62	7.36	46	15.4	9
	9/28	1407	12.94	5270	2.7	5.21	7.32	39	9.7	33
	12/18	1109	12.44	4520	1.94	21.2	7.6	154	10.8	35.5

NA – Parameters not collected due to low volume OR not reported as noted in the field due to problems with field instrumentation
NS – Not Sampled due to insufficient water (well too dry)
NM – Not sampled due to presence of oil layer in well
*** ---Not sampled due to presence of permanganate

Analytes: VOC's EPA Method 8260B	**WELL BR07-31**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	NS	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	NS	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	ND	ND	ND	ND
1,1,2-Trichloroethane	1	NS	ND	ND	ND	ND
1,1-Dichloroethane	5	NS	ND	ND	ND	ND
1,1-Dichloroethene	5	NS	ND	ND	ND	.42 J
1,2, 4-Trichlorobenzene	5	NS	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	NS	ND	ND	ND	ND
1,2-Dibromoethane		NS	ND	ND	ND	ND
1,2-Dichlorobenzene	3	NS	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NS	ND	ND	ND	ND
1,2 -Dichloropropane	1	NS	ND	ND	ND	ND
1,3-Dichlorobenzene	3	NS	ND	ND	ND	ND
1,4-Dichlorobenzene	3	NS	ND	ND	ND	ND
2-Butanone (MEK))	50	NS	ND	ND	ND	ND
2-Hexanone		NS	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		NS	ND	ND	ND	ND
Acetone	50	NS	ND	ND	ND	ND
Benzene	1	NS	ND	ND	ND	ND
Bromodichloromethane	50	NS	ND	ND	ND	ND
Bromoform	50	NS	ND	ND	ND	ND
Bromomethane	5	NS	ND	ND	ND	ND
Carbon disulfide		NS	ND	ND	ND	ND
Carbon tetrachloride	5	NS	ND	ND	ND	ND
Chlorobenzene	5	NS	ND	ND	ND	ND
Chloroethane	5	NS	ND	ND	ND	ND
Chloroform	7	NS	ND	ND	ND	ND
Chloromethane		NS	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	NS	*9.7*	***15***	***27***	***23***
Cis-1,3-Dichloropropene	0.4	NS	ND	ND	ND	ND
Cyclohexane		NS	ND	ND	ND	ND
Dibromochloromethane		NS	ND	ND	ND	ND
Dichlorodifluoromethane	5	NS	ND	ND	ND	ND
Ethylbenzene	5	NS	ND	ND	ND	ND
Isoproylbenzene	5	NS	ND	ND	ND	ND
Methyl acetate		NS	ND	ND	ND	ND
Methyl tert-butyl ether	10	NS	ND	ND	ND	ND
Methylcyclohexane		NS	ND	ND	ND	ND

Methylene chloride	5	NS	ND	ND	ND	ND
Styrene	5	NS	ND	ND	ND	ND
Tetrachloroethene	5	NS	***29***	***32***	***54***	***52***
Toluene	5	NS	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	NS	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	NS	ND	ND	ND	ND
Trichloroethene	5	NS	***5.6***	***7.8***	***12***	***10***
Trichlorofluoromethane	5	NS	ND	ND	ND	ND
Vinyl chloride	2	NS	ND	ND	ND	ND
Xylenes, Total	5	NS	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	NS	23 J	43 JB	180	92
Manganese (EPA Method 6010B)		NS	460	270B	110	130
Nitrate as N (EPA Method 9056)	10,000	NS	65,500	4,660	6,100	44,200
Chemical Oxygen Demand (EPA Method 410.4)		NS	19,200	ND	ND	10,200
Total Organic Carbon (EPA Method 9060A)		NS	4,400 B	2,800 B	1,500 B	2,500 B

All values reported as ug/L
B-Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
NS – Not Sampled
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Table 3 – Pass & Seymour 2017 Post-ISCO Groundwater Sample Analytical Results

Analytes: VOC's EPA Method 8260B	**WELL BR07-32**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4TH QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	NS	NS	NS	ND	NS
1,1,2,2-Tetrachloroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloroethane	1	NS	NS	NS	ND	NS
NNNSNSNS1,1-Dichloroethane	5	NS	NS	NS	ND	NS
1,1NS-Dichloroethene	5	NS	NS	NS	ND	NS
1,2, 4-Trichlorobenzene	5	NS	NS	NS	ND	NS
1,2-Dibromo-3-Chloropropane	0.04	NS	NS	NS	ND	NS
1,2-Dibromoethane		NS	NS	NS	ND	NS
1,2-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,2-Dichloroethane	0.6	NS	NS	NS	ND	NS
1,2 -Dichloropropane	1	NS	NS	NS	ND	NS
1,3-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,4-Dichlorobenzene	3	NS	NS	NS	ND	NS
2-Butanone (MEK))	50	NS	NS	NS	ND	NS
2-Hexanone		NS	NS	NS	ND	NS
4-Methyl-2-pentanone (MIBK)		NS	NS	NS	ND	NS
Acetone	50	NS	NS	NS	8.1 J	NS
Benzene	1	NS	NS	NS	ND	NS
Bromodichloromethane	50	NS	NS	NS	ND	NS
Bromoform	50	NS	NS	NS	ND	NS
Bromomethane	5	NS	NS	NS	ND	NS
Carbon disulfide		NS	NS	NS	ND	NS
Carbon tetrachloride	5	NS	NS	NS	ND	NS
Chlorobenzene	5	NS	NS	NS	ND	NS
Chloroethane	5	NS	NS	NS	ND	NS
Chloroform	7	NS	NS	NS	ND	NS
Chloromethane		NS	NS	NS	ND	NS
cis-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
Cis-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Cyclohexane		NS	NS	NS	ND	NS
Dibromochloromethane		NS	NS	NS	ND	NS
Dichlorodifluoromethane	5	NS	NS	NS	ND	NS
Ethylbenzene	5	NS	NS	NS	ND	NS
Isoproylbenzene	5	NS	NS	NS	ND	NS
Methyl acetate		NS	NS	NS	ND	NS
Methyl tert-butyl ether	10	NS	NS	NS	ND	NS
Methylcyclohexane		NS	NS	NS	ND	NS
Methylene chloride	5	NS	NS	NS	ND	NS
Styrene	5	NS	NS	NS	ND	NS

Tetrachloroethene	5	NS	NS	NS	ND	NS
Toluene	5	NS	NS	NS	ND	NS
trans-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
trans-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Trichloroethene	5	NS	NS	NS	**6.0**	**NS**
Trichlorofluoromethane	5	NS	NS	NS	ND	NS
Vinyl chloride	2	NS	NS	NS	ND	NS
Xylenes, Total	5	NS	NS	NS	ND	NS

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/27/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	NS	NS	NS	16,500	NS
Manganese (EPA Method 6010B)		NS	NS	NS	3,600	NS
Nitrate as N (EPA Method 9056)	10,000	NS	NS	NS	4,200	NS
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS	NS	ND	NS
Total Organic Carbon (EPA Method 9060A)		NS	NS	NS	1,100 B	NS

All values reported as ug/L
B-Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
NS – Not Sampled
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL BR08-33**		**2017** **1st QTR**	**2nd QTR**	**3rdQTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	NS	NS	NS	ND	NS
1,1,2,2-Tetrachloroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloroethane	1	NS	NS	NS	ND	NS
1,1-Dichloroethane	5	NS	NS	NS	ND	NS
1,1-Dichloroethene	5	NS	NS	NS	ND	NS
1,2, 4-Trichlorobenzene	5	NS	NS	NS	ND	NS
1,2-Dibromo-3-Chloropropane	0.04	NS	NS	NS	ND	NS
1,2-Dibromoethane		NS	NS	NS	ND	NS
1,2-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,2-Dichloroethane	0.6	NS	NS	NS	ND	NS
1,2 -Dichloropropane	1	NS	NS	NS	ND	NS
1,3-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,4-Dichlorobenzene	3	NS	NS	NS	ND	NS
2-Butanone (MEK))	50	NS	NS	NS	ND	NS
2-Hexanone		NS	NS	NS	ND	NS
4-Methyl-2-pentanone (MIBK)		NS	NS	NS	ND	NS
Acetone	50	NS	NS	NS	ND	NS
Benzene	1	NS	NS	NS	ND	NS
Bromodichloromethane	50	NS	NS	NS	ND	NS
Bromoform	50	NS	NS	NS	ND	NS
Bromomethane	5	NS	NS	NS	ND	NS
Carbon disulfide		NS	NS	NS	ND	NS
Carbon tetrachloride	5	NS	NS	NS	ND	NS
Chlorobenzene	5	NS	NS	NS	ND	NS
Chloroethane	5	NS	NS	NS	ND	NS
Chloroform	7	NS	NS	NS	ND	NS
Chloromethane		NS	NS	NS	ND	NS
cis-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
Cis-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Cyclohexane		NS	NS	NS	ND	NS
Dibromochloromethane		NS	NS	NS	ND	NS
Dichlorodifluoromethane	5	NS	NS	NS	ND	NS
Ethylbenzene	5	NS	NS	NS	ND	NS
Isoproylbenzene	5	NS	NS	NS	ND	NS
Methyl acetate		NS	NS	NS	ND	NS

Methyl tert-butyl ether	10	NS	NS	NS	ND	NS
Methylcyclohexane		NS	NS	NS	ND	NS
Methylene chloride	5	NS	NS	NS	ND	NS
Styrene	5	NS	NS	NS	ND	NS
Tetrachloroethene	5	NS	NS	NS	ND	NS
Toluene	5	NS	NS	NS	ND	NS
trans-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
trans-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Trichloroethene	5	NS	NS	NS	ND	NS
Trichlorofluoromethane	5	NS	NS	NS	ND	NS
Vinyl chloride	2	NS	NS	NS	ND	NS
Xylenes, Total	5	NS	NS	NS	ND	NS

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	NS	NS	NS	1,700	NS
Manganese (EPA Method 6010B)		NS	NS	NS	360	NS
Nitrate as N (EPA Method 9056)	10,000	NS	NS	NS	1,600	NS
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS	NS	14.200	NS
Total Organic Carbon (EPA Method 9060A)		NS	NS	NS	1,700 B	NS

All values reported as ug/L
B-Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
NS – Not Sampled
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL BR08-34**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/16/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	NS	NS	NS	ND	NS
1,1,2,2-Tetrachloroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloroethane	1	NS	NS	NS	ND	NS
1,1-Dichloroethane	5	NS	NS	NS	ND	NS
1,1-Dichloroethene	5	NS	NS	NS	ND	NS
1,2, 4-Trichlorobenzene	5	NS	NS	NS	ND	NS
1,2-Dibromo-3-Chloropropane	0.04	NS	NS	NS	ND	NS
1,2-Dibromoethane		NS	NS	NS	ND	NS
1,2-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,2-Dichloroethane	0.6	NS	NS	NS	ND	NS
1,2 -Dichloropropane	1	NS	NS	NS	ND	NS
1,3-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,4-Dichlorobenzene	3	NS	NS	NS	ND	NS
2-Butanone (MEK))	50	NS	NS	NS	ND	NS
2-Hexanone		NS	NS	NS	ND	NS
4-Methyl-2-pentanone (MIBK)		NS	NS	NS	ND	NS
Acetone	50	NS	NS	NS	ND	NS
Benzene	1	NS	NS	NS	ND	NS
Bromodichloromethane	50	NS	NS	NS	ND	NS
Bromoform	50	NS	NS	NS	ND	NS
Bromomethane	5	NS	NS	NS	ND	NS
Carbon disulfide		NS	NS	NS	ND	NS
Carbon tetrachloride	5	NS	NS	NS	ND	NS
Chlorobenzene	5	NS	NS	NS	ND	NS
Chloroethane	5	NS	NS	NS	ND	NS
Chloroform	7	NS	NS	NS	ND	NS
Chloromethane		NS	NS	NS	ND	NS
cis-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
Cis-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Cyclohexane		NS	NS	NS	ND	NS
Dibromochloromethane		NS	NS	NS	ND	NS
Dichlorodifluoromethane	5	NS	NS	NS	ND	NS
Ethylbenzene	5	NS	NS	NS	ND	NS
Isoproylbenzene	5	NS	NS	NS	ND	NS
Methyl acetate		NS	NS	NS	ND	NS
Methyl tert-butyl ether	10	NS	NS	NS	ND	NS
Methylcyclohexane		NS	NS	NS	ND	NS

Methylene chloride	5	NS	NS	NS	ND	NS
Styrene	5	NS	NS	NS	ND	NS
Tetrachloroethene	5	NS	NS	NS	ND	NS
Toluene	5	NS	NS	NS	ND	NS
trans-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
trans-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Trichloroethene	5	NS	NS	NS	ND	NS
Trichlorofluoromethane	5	NS	NS	NS	ND	NS
Vinyl chloride	2	NS	NS	NS	ND	NS
Xylenes, Total	5	NS	NS	NS	ND	NS

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	NS	NS	NS	970	NS
Manganese (EPA Method 6010B)		NS	NS	NS	260	NS
Nitrate as N (EPA Method 9056)	10,000	NS	NS	NS	860	NS
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS	NS	ND	NS
Total Organic Carbon (EPA Method 9060A)		NS	NS	NS	ND	NS

All values reported as ug/L
B-Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
NS – Not Sampled
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL BR08-35**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	11/3/17	12/19/17
1,1,1-Trichloroethane	5	NS	NS	NS	ND	NS
1,1,2,2-Tetrachloroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS	NS	ND	NS
1,1,2-Trichloroethane	1	NS	NS	NS	ND	NS
1,1-Dichloroethane	5	NS	NS	NS	ND	NS
1,1-Dichloroethene	5	NS	NS	NS	ND	NS
1,2, 4-Trichlorobenzene	5	NS	NS	NS	ND	NS
1,2-Dibromo-3-Chloropropane	0.04	NS	NS	NS	ND	NS
1,2-Dibromoethane		NS	NS	NS	ND	NS
1,2-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,2-Dichloroethane	0.6	NS	NS	NS	ND	NS
1,2 -Dichloropropane	1	NS	NS	NS	ND	NS
1,3-Dichlorobenzene	3	NS	NS	NS	ND	NS
1,4-Dichlorobenzene	3	NS	NS	NS	ND	NS
2-Butanone (MEK))	50	NS	NS	NS	ND	NS
2-Hexanone		NS	NS	NS	ND	NS
4-Methyl-2-pentanone (MIBK)		NS	NS	NS	ND	NS
Acetone	50	NS	NS	NS	ND	NS
Benzene	1	NS	NS	NS	ND	NS
Bromodichloromethane	50	NS	NS	NS	ND	NS
Bromoform	50	NS	NS	NS	ND	NS
Bromomethane	5	NS	NS	NS	ND	NS
Carbon disulfide		NS	NS	NS	ND	NS
Carbon tetrachloride	5	NS	NS	NS	ND	NS
Chlorobenzene	5	NS	NS	NS	ND	NS
Chloroethane	5	NS	NS	NS	ND	NS
Chloroform	7	NS	NS	NS	ND	NS
Chloromethane		NS	NS	NS	ND	NS
cis-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
Cis-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Cyclohexane		NS	NS	NS	ND	NS
Dibromochloromethane		NS	NS	NS	ND	NS
Dichlorodifluoromethane	5	NS	NS	NS	ND	NS
Ethylbenzene	5	NS	NS	NS	ND	NS
Isoproylbenzene	5	NS	NS	NS	ND	NS
Methyl acetate		NS	NS	NS	ND	NS
Methyl tert-butyl ether	10	NS	NS	NS	ND	NS
Methylcyclohexane		NS	NS	NS	ND	NS

Methylene chloride	5	NS	NS	NS	ND	NS
Styrene	5	NS	NS	NS	ND	NS
Tetrachloroethene	5	NS	NS	NS	ND	NS
Toluene	5	NS	NS	NS	ND	NS
trans-1,2-Dichloroethene	5	NS	NS	NS	ND	NS
trans-1,3-Dichloropropene	0.4	NS	NS	NS	ND	NS
Trichloroethene	5	NS	NS	NS	ND	NS
Trichlorofluoromethane	5	NS	NS	NS	ND	NS
Vinyl chloride	2	NS	NS	NS	ND	NS
Xylenes, Total	5	NS	NS	NS	ND	NS

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 11/3/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	NS	NS	NS	1,800	NS
Manganese (EPA Method 6010B)		NS	NS	NS	440	NS
Nitrate as N (EPA Method 9056)	10,000	NS	NS	NS	540	NS
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS	NS	8,700 J	NS
Total Organic Carbon (EPA Method 9060A)		NS	NS	NS	950 J B	NS

All values reported as ug/L
B-Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
NS – Not Sampled
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL BR09-37**		**2017** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/191/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
D1,1,2-Trichloro-1,ND2,2trifluoroethane	5		ND	ND	ND	ND
ND1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND F2	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND F2	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	**ND**	***1,600***	***810***	***1000***	***1900***
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND	***230 J***
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***7,800***	***18,000*** F1	***8,000***	***12,000***	***39,000***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	3rd QTR 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	17,000	870	2,100 B	2,000	6,900
Manganese (EPA Method 6010B)		NS	490 B	1,300 B	1,000	4,400
Nitrate as N (EPA Method 9056)	10,000	2,100	3,200	3,000	1,600	550
Chemical Oxygen Demand (EPA Method 410.4)		9,400	12,100	ND	ND	ND
Total Organic Carbon (EPA Method 9060A)	NS	ND	1,000 B	1,700 B	1,200 B	1,200 B

All values reported as ug/L
B – Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)
F1 – MS and/or MSD Recovery is outside acceptable limits
F2 – MS/MSD exceeds control limits

Analytes: VOC's EPA Method 8260B	**WELL BR09-39**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/27/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***12***	***9.4***	***39***	***99***	***50***
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND
Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND

Methylene chloride	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	3.4	6.7 J	***13***	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***290***	***120***	***370***	***1000***	***590***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2ndQTR** 6/26/17	**3rdQTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	132	230	ND	160	310
Manganese (EPA Method 6010B)			26 B	3.2 B	20	35
Nitrate as N (EPA Method 9056)	10,000	10,400	5,600	4,100	3,900	4,700
Chemical Oxygen Demand (EPA Method 410.4)		4,300	ND	ND	ND	7,000 J
Total Organic Carbon (EPA Method 9060A)		ND	590 J B	850 JB	910 J B	1,200 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS- Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)
F1-MS and/or MSD Recovery exceeds the control limits

Analytes: VOC's EPA Method 8260B	**WELL BR10-46**		**2017** **1st QTR**	**2ndQTR**	**3rdQTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5		ND	ND	31	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1		ND	ND	ND	ND
1,1-Dichloroethane	5		ND	ND	***5.8 J***	ND
1,1-Dichloroethene	5		ND	ND	***9.3 J***	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6		ND	ND	ND	ND
1,2 -Dichloropropane	1		ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50		ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)			ND	ND	ND	ND
Acetone	50		ND	ND	ND	ND
Benzene	1		ND	ND	ND	ND
Bromodichloromethane	50		ND	ND	ND	ND
Bromoform	50		ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5		ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND
cis-1,2-Dichloroethene	5		***360***	***530***	***850***	***55***
cis-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5		ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5		ND	ND	ND	ND
Styrene	5		ND	ND	ND	ND
Tetrachloroethene	5		ND	ND	***16***	ND
Toluene	5		ND	ND	ND	ND
trans-1,2-Dichloroethene	5		ND	ND	***9.6 J***	ND
trans-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Trichloroethene	***5***		***3,100***	***4,300***	***8,400***	***490***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2		ND	ND	ND	ND
Xylenes, Total	5		ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2ndQTR** 6/26/17	**3rdQTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300		1,000	1,200 B	2,600	3,300
Manganese (EPA Method 6010B)			810 B	1,100 B	1,700	1,800
Nitrate as N (EPA Method 9056)	10,000		4,000	4,300	2,500	270
Chemical Oxygen Demand (EPA Method 410.4)			18,300	ND	5,700 J	8,200 J B
Total Organic Carbon (EPA Method 9060A)			2,900 B	1,300 B	1,300 B	5,400 B

All values reported as ug/L
B- Compound was found in blank and sample
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS- Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL BR10-47**		**2017** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5		2.4	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		.59 J	ND	ND	ND
1,1,2-Trichloroethane	1		ND	ND	ND	ND
1,1-Dichloroethane	5		.40 J	ND	ND	ND
1,1-Dichloroethene	5		.47 J	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6		ND	ND	ND	ND
1,2 -Dichloropropane	1		ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50		ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)			ND	ND	ND	ND
Acetone	50		ND	ND	ND	ND
Benzene	1		ND	ND	ND	ND
Bromodichloromethane	50		ND	ND	ND	ND
Bromoform	50		ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5		ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND
cis-1,2-Dichloroethene	5		***54***	***45***	***44***	***6.5***
cis-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5		ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5		ND	ND	ND	ND
Styrene	5		ND	ND	ND	ND
Tetrachloroethene	5		.60 J	ND	ND	ND
Toluene	5		ND	ND	ND	ND
trans-1,2-Dichloroethene	5		ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Trichloroethene	5		ND	***430***	***520***	***34***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2		ND	ND	ND	ND
Xylenes, Total	5		ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300		660	2,800 B	1,900	4,300
Manganese (EPA Method 6010B)			1.,100 B	1,400 B	4,900	8,800
Nitrate as N (EPA Method 9056)	10,000		4,700	5,900	2,700	5,500
Chemical Oxygen Demand (EPA Method 410.4)			6,200 J	ND	ND	ND
Total Organic Carbon (EPA Method 9060A)			570 J B	880 J B	1,200 B	1,400 B

All values reported as ug/L
B- Compound was found in blank and sample
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS- Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL IW2-1**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	.30 J	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5		ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***210***	ND	***42***	***170***	1.8
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	39 J	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***3,900***	***6.3***	***95***	***840***	***11***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/28/17	**2ndQTR** 6/26/17	**3rdQTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	1,610	9,000	3,800 B	5,100	3,200
Manganese (EPA Method 6010B)			130 B	220 B	330	100
Nitrate as N (EPA Method 9056)	10,000	440	130	390 B	260	140
Chemical Oxygen Demand (EPA Method 410.4)		5,800	22,500	ND	27,500	9,300 J B
Total Organic Carbon (EPA Method 9060A)		ND	830 J B	1,100 B	1,300 B	1,300 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL IW2-3**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		110	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	.98 J	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***370***	5.1	2.3	ND	3.8
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND
Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND

Methylene chloride	5	110 J	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	5	***6,000***	***41***	***25***	***21***	***48***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	4,870	290	650 B	3,700	7,000
Manganese (EPA Method 6010B)	300	473	49 B	170 B	110	360
Nitrate as N (EPA Method 9056)	10,000	750	2,700	2,000	5,000	3,700
Chemical Oxygen Demand (EPA Method 410.4)		7,100	16,000	11,800	ND	9,000 J
Total Organic Carbon (EPA Method 9060A)		ND	3,100 B	5,300 B	1,100 B	2,900 B

All values reported as ug/L
B-Compound was found in the blank and sample
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-02**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	NS	NS	NS	NS*
1,1,2,2-Tetrachloroethane	5	ND	NS	NS	NS	NS*
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS	NS	NS	NS*
1,1,2-TrichloroethaneD	1	ND	NS	NS	NS	NS*
1,1-DichloroethaneND	5	ND	NS	NS	NS	NS*
1,1-DichloroetheneND	5	ND	NS	NS	NS	NS*
1,2, 4-TrichlorobenzenNDe	5	ND	NS	NS	NS	NS*
1,2-Dibromo-3-Chloropropane	0.04	ND	NS	NS	NS	NS*
1,2-Dibromoethane		ND	NS	NS	NS	NS*
1,2-Dichlorobenzene	3	ND	NS	NS	NS	NS*
1,2-Dichloroethane	0.06	ND	NS	NS	NS	NS*
1,2 -Dichloropropane	1	ND	NS	NS	NS	NS*
1,3 Dichlorobenzene	3	ND	NS	NS	NS	NS*
1,4-Dichlorobenzene	3	ND	NS	NS	NS	NS*
2-Butanone (MEK))	50	ND	NS	NS	NS	NS*
2-Hexanone		ND	NS	NS	NS	NS*
4-Methyl-2-pentanone (MIBK)		ND	NS	NS	NS	NS*
Acetone	50	ND	NS	NS	NS	NS*
Benzene	1	ND	NS	NS	NS	NS*
Bromodichloromethane	50	ND	NS	NS	NS	NS*
Bromoform	50	ND	NS	NS	NS	NS*
Bromomethane	5	ND	NS	NS	NS	NS*
Carbon disulfide		ND	NS	NS	NS	NS*
Carbon tetrachloride	5	ND	NS	NS	NS	NS*
Chlorobenzene	5	ND	NS	NS	NS	NS*
Chloroethane	5	ND	NS	NS	NS	NS*
Chloroform	7	ND	NS	NS	NS	NS*
Chloromethane		ND	NS	NS	NS	NS*
cis-1,2-Dichloroethene	**5**	1.5	NS	NS	NS	NS*
cis-1,3-Dichloropropene	0.4	ND	NS	NS	NS	NS*
Cyclohexane		ND	NS	NS	NS	NS*
Dibromochloromethane		ND	NS	NS	NS	NS*
Dichlorodifluoromethane	5	ND	NS	NS	NS	NS*
Ethylbenzene	5	ND	NS	NS	NS	NS*
Isoproylbenzene	5	ND	NS	NS	NS	NS*
Methyl acetate		ND	NS	NS	NS	NS*

Methyl tert-butyl ether	10	ND	NS	NS	NS	NS*
Methylcyclohexane		ND	NS	NS	NS	NS*
Methylene chloride	5	ND	NS	NS	NS	NS*
Styrene	5	ND	NS	NS	NS	NS*
Tetrachloroethene	**5**	**ND**	NS	NS	NS	NS*
Toluene	5	ND	NS	NS	NS	NS*
trans-1,2-Dichloroethene	5	ND	NS	NS	NS	NS*
Trans-1,3-Dichloropropene	0.4	ND	NS	NS	NS	NS*
Trichloroethene	***5***	***220***	NS	NS	NS	NS*
Trichlorofluoromethane	5	ND	NS	NS	NS	NS*
Vinyl chloride	2	ND	NS	NS	NS	NS*
Xylenes, Total	5	ND	NS	NS	NS	NS*

Other Analytes:	GW Std (ug/L)	Pre-ISCO	1st QTR 3/28/17	2nd QTR 6/26/17	3rd QTR 9/28/17	4th QTR 12/19/17
Iron (EPA Method 6010B)	300	2,7800	NS	NS	NS	NS*
Manganese (EPA Method 6010B)		193	NS	NS	NS	NS*
Nitrate as N (EPA Method 9056)	10,000	ND	NS	NS	NS	NS*
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS	NS	NS	NS*
Total Organic Carbon (EPA Method 9060A)	NS	1,600	NS	NS	NS	NS*

NS*

All values reported as ug/L
ND-Analyzed for but NOT DECTECTED
B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-03**		**2017 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	NS*	NS*	NS*	NS*
1,1,2,2-Tetrachloroethane	5	ND	NS *	NS*	NS*	NS*
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*	NS*	NS*	NS*
1,1,2-TrichloroethaneD	1	ND	NS*	NS*	NS*	NS*
1,1-DichloroethaneND	5	ND	NS*	NS*	NS*	NS*
1,1-DichloroetheneND	5	ND	NS*	NS*	NS*	NS*
1,2, 4-TrichlorobenzenNDe	5	ND	NS*	NS*	NS*	NS*
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*	NS*	NS*	NS*
1,2-Dibromoethane		ND	NS*	NS*	NS*	NS*
1,2-Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
1,2-Dichloroethane	0.06	ND	NS*	NS*	NS*	NS*
1,2 -Dichloropropane	1	ND	NS*	NS*	NS*	NS*
1,3 Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
1,4-Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
2-Butanone (MEK))	50	ND	NS*	NS*	NS*	NS*
2-Hexanone		ND	NS*	NS*	NS*	NS*
4-Methyl-2-pentanone (MIBK)		ND	NS*	NS*	NS*	NS*
Acetone	50	ND	NS*	NS*	NS*	NS*
Benzene	1	ND	NS*	NS*	NS*	NS*
Bromodichloromethane	50	ND	NS*	NS*	NS*	NS*
Bromoform	50	ND	NS*	NS*	NS*	NS*
Bromomethane	5	ND	NS*	NS*	NS*	NS*
Carbon disulfide		ND	NS*	NS*	NS*	NS*
Carbon tetrachloride	5	ND	NS*	NS*	NS*	NS*
Chlorobenzene	5	ND	NS*	NS*	NS*	NS*
Chloroethane	5	ND	NS*	NS*	NS*	NS*
Chloroform	7	ND	NS*	NS*	NS*	NS*
Chloromethane		ND	NS*	NS*	NS*	NS*
cis-1,2-Dichloroethene	**5**	1.5	NS*	NS*	NS*	NS*
cis-1,3-Dichloropropene	0.4	ND	NS*	NS*	NS*	NS*
Cyclohexane		ND	NS*	NS*	NS*	NS*
Dibromochloromethane		ND	NS*	NS*	NS*	NS*
Dichlorodifluoromethane	5	ND	NS*	NS*	NS*	NS*
Ethylbenzene	5	ND	NS*	NS*	NS*	NS*
Isoproylbenzene	5	ND	NS*	NS*	NS*	NS*
Methyl acetate		ND	NS*	NS*	NS*	NS*

Methyl tert-butyl ether	10	ND	NS*	NS*	NS*	NS*
Methylcyclohexane		ND	NS*	NS*	NS*	NS*
Methylene chloride	5	ND	NS*	NS*	NS*	NS*
Styrene	5	ND	NS*	NS*	NS*	NS*
Tetrachloroethene	**5**	**ND**	NS*	NS*	NS*	NS*
Toluene	5	ND	NS*	NS*	NS*	NS*
trans-1,2-Dichloroethene	5	ND	NS*	NS*	NS*	NS*
Trans-1,3-Dichloropropene	0.4	ND	NS*	NS*	NS*	NS*
Trichloroethene	***5***	***220***	NS*	NS*	NS*	NS*
Trichlorofluoromethane	5	ND	NS*	NS*	NS*	NS*
Vinyl chloride	2	ND	NS*	NS*	NS*	NS*
Xylenes, Total	5	ND	NS*	NS*	NS*	NS*

Other Analytes:	GW Std (ug/L)	Pre-ISCO	1st QTR 3/28/17	2nd QTR 6/26/17	3rd QTR 9/28/17	4th QTR 12/19/17
Iron (EPA Method 6010B)	300	2,7800	NS*	NS*	NS*	NS*
Manganese (EPA Method 6010B)		193	NS*	NS*	NS*	NS*
Nitrate as N (EPA Method 9056)	10,000	ND	NS*	NS*	NS*	NS*
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS*	NS*	NS*	NS*
Total Organic Carbon (EPA Method 9060A)	NS	1,600	NS*	NS*	NS*	NS*

All values reported as ug/L
ND-Analyzed for but NOT DECTECTED
B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-04**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	NS*	NS*	NS*
1,1,2,2-Tetrachloroethane	5	ND	ND	NS*	NS*	NS*
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND	NS*	NS*	NS*
1,1,2-Trichloroethane	1	ND	ND	NS*	NS*	NS*
1,1-Dichloroethane	5	ND	ND	NS*	NS*	NS*
1,1-Dichloroethene	5	ND	ND	NS*	NS*	NS*
1,2, 4-Trichlorobenzene	5	ND	ND	NS*	NS*	NS*
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	NS*	NS*	NS*
1,2-Dibromoethane		ND	ND	NS*	NS*	NS*
1,2-Dichlorobenzene	3	ND	ND	NS*	NS*	NS*
1,2-Dichloroethane	0.06	ND	ND	NS*	NS*	NS*
1,2 -Dichloropropane	1	ND	ND	NS*	NS*	NS*
1,3 Dichlorobenzene	3	ND	ND	NS*	NS*	NS*
1,4-Dichlorobenzene	3	ND	ND	NS*	NS*	NS*
2-Butanone (MEK))	50	ND	ND	NS*	NS*	NS*
2-Hexanone		ND	ND	NS*	NS**	NS*
4-Methyl-2-pentanone (MIBK)		ND	ND	NS*	NS*	NS*
Acetone	50	ND	ND	NS*	NS*	NS*
Benzene	1	ND	ND	NS*	NS*	NS*
Bromodichloromethane	50	ND	ND	NS*	NS*	NS*
Bromoform	50	ND	ND	NS*	NS*	NS*
Bromomethane	5	ND	ND	NS*	NS*	NS*
Carbon disulfide		ND	ND	NS*	NS*	NS*
Carbon tetrachloride	5	ND	ND	NS*	NS*	NS*
Chlorobenzene	5	ND	ND	NS*	NS*	NS*
Chloroethane	5	ND	ND	NS*	NS*	NS*
Chloroform	7	ND	ND	NS*	NS*	NS*
Chloromethane		ND	ND	NS*	NS*	NS*
cis-1,2-Dichloroethene	**5**	ND	ND	NS*	NS*	NS*
cis-1,3-Dichloropropene	0.4	ND	ND	NS*	NS*	NS*
Cyclohexane		ND	ND	NS*	NS*	NS*
Dibromochloromethane		ND	ND	NS*	NS*	NS*
Dichlorodifluoromethane	5	ND	ND	NS*	NS*	NS*
Ethylbenzene	5	ND	ND	NS*	NS*	NS*
Isoproylbenzene	5	ND	ND	NS*	NS*	NS*
Methyl acetate		ND	ND	NS*	NS*	NS*

Methyl tert-butyl ether	10	ND	ND	NS*	NS*	NS*
Methylcyclohexane		ND	ND	NS*	NS*	NS*
Methylene chloride	5	ND	ND	NS*	NS*	NS*
Styrene	5	ND	ND	NS*	NS*	NS*
Tetrachloroethene	**5**	**ND**	ND	NS*	NS*	NS*
Toluene	5	ND	ND	NS*	NS*	NS*
trans-1,2-Dichloroethene	5	ND	ND	NS*	NS**	NS*
Trans-1,3-Dichloropropene	0.4	ND	ND	NS*	NS*	NS*
Trichloroethene	***5***	***98***	ND	NS*	NS*	NS*
Trichlorofluoromethane	5	ND	ND	NS*	NS*	NS*
Vinyl chloride	2	ND	ND	NS*	NS*	NS*
Xylenes, Total	5	ND	ND	NS*	NS*	NS*

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	290	620	NS*	NS*	NS*
Manganese (EPA Method 6010B)		4.9	15 B	NS*	NS*	NS*
Nitrate as N (EPA Method 9056)	10,000	2,700	3,500	NS*	NS*	NS*
Chemical Oxygen Demand (EPA Method 410.4)	NS	ND	12,700	NS*	NS*	NS*
Total Organic Carbon (EPA Method 9060A)	NS	1,100	750 J B	NS*	NS*	NS*

All values reported as ug/L
ND-Analyzed for but NOT DECTECTED
B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-05**		**2017** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	NS*	NS*	NS*	NS*
1,1,2,2-Tetrachloroethane	5	ND	NS *	NS*	NS*	NS*
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*	NS*	NS*	NS*
1,1,2-TrichloroethaneD	1	ND	NS*	NS*	NS*	NS*
1,1-DichloroethaneND	5	ND	NS*	NS*	NS*	NS*
1,1-DichloroetheneND	5	ND	NS*	NS*	NS*	NS*
1,2, 4-TrichlorobenzenNDe	5	ND	NS*	NS*	NS*	NS*
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*	NS*	NS*	NS*
1,2-Dibromoethane		ND	NS*	NS*	NS*	NS*
1,2-Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
1,2-Dichloroethane	0.06	ND	NS*	NS*	NS*	NS*
1,2 -Dichloropropane	1	ND	NS*	NS*	NS*	NS*
1,3 Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
1,4-Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
2-Butanone (MEK))	50	ND	NS*	NS*	NS*	NS*
2-Hexanone		ND	NS*	NS*	NS*	NS*
4-Methyl-2-pentanone (MIBK)		ND	NS*	NS*	NS*	NS*
Acetone	50	ND	NS*	NS*	NS*	NS*
Benzene	1	ND	NS*	NS*	NS*	NS*
Bromodichloromethane	50	ND	NS*	NS*	NS*	NS*
Bromoform	50	ND	NS*	NS*	NS*	NS*
Bromomethane	5	ND	NS*	NS*	NS*	NS*
Carbon disulfide		ND	NS*	NS*	NS*	NS*
Carbon tetrachloride	5	ND	NS*	NS*	NS*	NS*
Chlorobenzene	5	ND	NS*	NS*	NS*	NS*
Chloroethane	5	ND	NS*	NS*	NS*	NS*
Chloroform	7	ND	NS*	NS*	NS*	NS*
Chloromethane		ND	NS*	NS*	NS*	NS*
cis-1,2-Dichloroethene	**5**	1.5	NS*	NS*	NS*	NS*
cis-1,3-Dichloropropene	0.4	ND	NS*	NS*	NS*	NS*
Cyclohexane		ND	NS*	NS*	NS*	NS*
Dibromochloromethane		ND	NS*	NS*	NS*	NS*
Dichlorodifluoromethane	5	ND	NS*	NS*	NS*	NS*
Ethylbenzene	5	ND	NS*	NS*	NS*	NS*
Isoproylbenzene	5	ND	NS*	NS*	NS*	NS*
Methyl acetate		ND	NS*	NS*	NS*	NS*

Methyl tert-butyl ether	10	ND	NS*	NS*	NS*	NS*
Methylcyclohexane		ND	NS*	NS*	NS*	NS*
Methylene chloride	5	ND	NS*	NS*	NS*	NS*
Styrene	5	ND	NS*	NS*	NS*	NS*
Tetrachloroethene	**5**	**ND**	NS*	NS*	NS*	NS*
Toluene	5	ND	NS*	NS*	NS*	NS*
trans-1,2-Dichloroethene	5	ND	NS*	NS*	NS*	NS*
Trans-1,3-Dichloropropene	0.4	ND	NS*	NS*	NS*	NS*
Trichloroethene	***5***	***220***	NS*	NS*	NS*	NS*
Trichlorofluoromethane	5	ND	NS*	NS*	NS*	NS*
Vinyl chloride	2	ND	NS*	NS*	NS*	NS*
Xylenes, Total	5	ND	NS*	NS*	NS*	NS*

Other Analytes:	GW Std (ug/L)	Pre-ISCO	1st QTR 3/28/17	2nd QTR 6/26/17	3rd QTR 9/28/17	4th QTR 12/19/17
Iron (EPA Method 6010B)	300	2,7800	NS*	NS*	NS*	NS*
Manganese (EPA Method 6010B)		193	NS*	NS*	NS*	NS*
Nitrate as N (EPA Method 9056)	10,000	ND	NS*	NS*	NS*	NS*
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS*	NS*	NS*	NS*
Total Organic Carbon (EPA Method 9060A)	NS	1,600	NS*	NS*	NS*	NS*

All values reported as ug/L
ND-Analyzed for but NOT DECTECTED
B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-10**		**2017** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	***180***	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	***35***	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1		ND	ND	ND	ND
1,3 Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	1.4 J	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)			ND	ND	ND	ND
Acetone	50	6.3 J	ND	ND	ND	ND
Benzene	1		ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND
cis-1,2-Dichloroethene	**5**	***35***	5.3	3.8	2.7	2.8
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	1.4	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	2.3	ND	ND	.82 J
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***160***	***95***	***41***	***32***	***44***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	*3630*	2,300	5,200 B	21,000	7,300
Manganese (EPA Method 6010B)			49 B	120 B	500	190
Nitrate as N (EPA Method 9056)	10,000	3,000	3,700	2,700	2,600	2,800
Chemical Oxygen Demand (EPA Method 410.4)	NS	8,100J	22,500	ND	ND	9,900 J
Total Organic Carbon (EPA Method 9060A)	NS	1,800	1,700 B	920 J B	1,800 B	1,300 B

All values reported as ug/L
ND-Analyzed for but NOT DECTECTED
B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-11**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	NS*	NS*	NS*	NS*
1,1,2,2-Tetrachloroethane	5	ND	NS *	NS*	NS*	NS*
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*	NS*	NS*	NS*
1,1,2-TrichloroethaneD	1	ND	NS*	NS*	NS*	NS*
1,1-DichloroethaneND	5	ND	NS*	NS*	NS*	NS*
1,1-DichloroetheneND	5	ND	NS*	NS*	NS*	NS*
1,2, 4-TrichlorobenzenNDe	5	ND	NS*	NS*	NS*	NS*
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*	NS*	NS*	NS*
1,2-Dibromoethane		ND	NS*	NS*	NS*	NS*
1,2-Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
1,2-Dichloroethane	0.06	ND	NS*	NS*	NS*	NS*
1,2 -Dichloropropane	1	ND	NS*	NS*	NS*	NS*
1,3 Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
1,4-Dichlorobenzene	3	ND	NS*	NS*	NS*	NS*
2-Butanone (MEK))	50	ND	NS*	NS*	NS*	NS*
2-Hexanone		ND	NS*	NS*	NS*	NS*
4-Methyl-2-pentanone (MIBK)		ND	NS*	NS*	NS*	NS*
Acetone	50	ND	NS*	NS*	NS*	NS*
Benzene	1	ND	NS*	NS*	NS*	NS*
Bromodichloromethane	50	ND	NS*	NS*	NS*	NS*
Bromoform	50	ND	NS*	NS*	NS*	NS*
Bromomethane	5	ND	NS*	NS*	NS*	NS*
Carbon disulfide		ND	NS*	NS*	NS*	NS*
Carbon tetrachloride	5	ND	NS*	NS*	NS*	NS*
Chlorobenzene	5	ND	NS*	NS*	NS*	NS*
Chloroethane	5	ND	NS*	NS*	NS*	NS*
Chloroform	7	ND	NS*	NS*	NS*	NS*
Chloromethane		ND	NS*	NS*	NS*	NS*
cis-1,2-Dichloroethene	**5**	1.5	NS*	NS*	NS*	NS*
cis-1,3-Dichloropropene	0.4	ND	NS*	NS*	NS*	NS*
Cyclohexane		ND	NS*	NS*	NS*	NS*
Dibromochloromethane		ND	NS*	NS*	NS*	NS*
Dichlorodifluoromethane	5	ND	NS*	NS*	NS*	NS*
Ethylbenzene	5	ND	NS*	NS*	NS*	NS*
Isoproylbenzene	5	ND	NS*	NS*	NS*	NS*
Methyl acetate		ND	NS*	NS*	NS*	NS*

Methyl tert-butyl ether	10	ND	NS*	NS*	NS*	NS*
Methylcyclohexane		ND	NS*	NS*	NS*	NS*
Methylene chloride	5	ND	NS*	NS*	NS*	NS*
Styrene	5	ND	NS*	NS*	NS*	NS*
Tetrachloroethene	**5**	**ND**	NS*	NS*	NS*	NS*
Toluene	5	ND	NS*	NS*	NS*	NS*
trans-1,2-Dichloroethene	5	ND	NS*	NS*	NS*	NS*
Trans-1,3-Dichloropropene	0.4	ND	NS*	NS*	NS*	NS*
Trichloroethene	***5***	***220***	NS*	NS*	NS*	NS*
Trichlorofluoromethane	5	ND	NS*	NS*	NS*	NS*
Vinyl chloride	2	ND	NS*	NS*	NS*	NS*
Xylenes, Total	5	ND	NS*	NS*	NS*	NS*

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	2,7800	NS*	NS*	NS*	NS*
Manganese (EPA Method 6010B)		193	NS*	NS*	NS*	NS*
Nitrate as N (EPA Method 9056)	10,000	ND	NS*	NS*	NS*	NS*
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS*	NS*	NS*	NS*
Total Organic Carbon (EPA Method 9060A)	NS	1,600	NS*	NS*	NS*	NS*

NS*

All values reported as ug/L
ND-Analyzed for but NOT DECTECTED
B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL MW05-21**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5		ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1		ND	ND	.62 J	ND
1,1-Dichloroethane	5		ND	ND	ND	ND
1,1-Dichloroethene	5		ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06		ND	ND	ND	ND
1,2 -Dichloropropane	1		ND	ND	ND	ND
1,3 Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50		ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)			ND	ND	ND	ND
Acetone	50		ND	ND	ND	ND
Benzene	1		ND	ND	ND	ND
Bromodichloromethane	50		ND	ND	ND	ND
Bromoform	50		ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5		ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND
cis-1,2-Dichloroethene	5		ND	1.1	4.0	1.6
cis-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5		ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5		ND	ND	ND	ND
Styrene	5		ND	ND	ND	ND
Tetrachloroethene	5		2.1	***9.3***	***23***	***40***
Toluene	5		ND	ND	ND	ND
trans-1,2-Dichloroethene	5		ND	ND	ND	ND
Trans-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Trichloroethene	5		ND	1.9	3.5	3.9
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2		ND	ND	ND	ND
Xylenes, Total	5		ND	ND	ND	ND

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300		370	960 B	83	1,200
Manganese (EPA Method 6010B)			37 B	150 B	220	1,000
Nitrate as N (EPA Method 9056)	10,000		33,800	8,950	6,5000	34,800
Chemical Oxygen Demand (EPA Method 410.4)	NS		24,500	ND	6,600 J	12,000 B
Total Organic Carbon (EPA Method 9060A)	NS		6,400 B	6,100 B	5,400 J	7,500 B

All values reported as ug/L
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B – Compound was found in the blank and sample
J-Includes an estimated value
(*) No sample collected because well is too dry
Pre-ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW STD – Class GA Groundwater Standard of Guidance from NYS Department of Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL OB09-36**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***12***	ND	2.2	ND	ND
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND
Methyl tert-butyl ether	10		ND	ND	ND	ND

Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	3.2 J	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***149***	***17***	***23***	***19***	***17***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/19	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	1,610	3,800	1,400 B	470	1,400
Manganese (EPA Method 6010B)			130 B	57 B	20	150
Nitrate as N (EPA Method 9056)	10,000	440	3,400	3,700	4,600	5,000
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,800	ND	ND	ND	ND
Total Organic Carbon (EPA Method 9060A)	NS	ND	740 J B	960 J B	1,200 B	1,300 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B- Compound was found in the blank and sample
J – Includes an estimated value
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL OB09-38**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50		ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***8***	***75***	***55***	***85***	***10***
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND
Methyl tert-butyl ether	10		ND	ND	ND	ND

Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	ND	1.8 J	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***49***	***89***	***75***	***120***	***11***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	38,700	8,300	6,500 B	2,900	9,300
Manganese (EPA Method 6010B)			310 B	250 B	140	440
Nitrate as N (EPA Method 9056)	10,000	94	97	83	72	200
Chemical Oxygen Demand (EPA Method 410.4)		3,900	9,100 J	ND	ND	ND
Total Organic Carbon (EPA Method 9060A)	NS	ND	570 J B	670 J B	1,100 B	850 J B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B – Compound was found in the blank and sample
J – Includes an estimated value
F1-MS and/or MSD Recovery exceeds the control limits
E-Result Exceeded calibration range
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: **VOC's** EPA Method 8260B	**WELL OW1-1**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	**5**	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	3.1 J	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	***5***	***470***	***17***	***6.8***	ND	***750***
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	*170 J*	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	***5***	***34***	***7.1***	.67 J	3.3 J	***ND***
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	***ND***	ND	ND
trans-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Trichloroethene	***5***	***2700***	***340***	***53***	***8.1***	***1,800***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/16/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	751	320	23 J B	700	12,500
Manganese (EPA Method 6010B)			17 B	3.5 B	72	3,400
Nitrate as N (EPA Method 9056)	10,000	1,900	24.900	3,300	3,300	4,000
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,600J	10,100	ND	ND	13,500 B
Total Organic Carbon (EPA Method)	NS	ND	1,100 B	1,000 B	1,400 B	1,300 B

All values reported as ug/L
ND-Analyzed for but NOT DETECTED
J – Includes an estimated value
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's **EPA Method 8260B**	**WELL OW1-2**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	***5***	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	***5***	ND	ND	ND	ND	***ND***
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	*5*	***4,800***	***1,800***	***2,900***	***3,100***	***3,800***
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND
Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND

Methylene chloride	5	*1,300 J*	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	***5***	***440 J***	***140 J***	***210***	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	***5***	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***49,000***	***9,200***	***21,000***	***29,000***	***34,000***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Analyte: SVOC **EPA Method: 8270C**	**GW Std (ug/l)**	**Pre-ISCO**	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
2,4,5-Trichlorophenol			ND	ND	ND	ND
2,4,6-Trichlorophenol		ND	ND	ND	ND	ND
2,4-Dichlorophenol	5	ND	ND	ND	ND	ND
2,4-Dimethylphenol	10	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND	ND	ND
2-Chlorophenol		ND	ND	ND	ND	ND
2-Methylnaphthalene			ND	ND	ND	ND
2-Methylphenol			ND	ND	ND	ND
2-Nitrophenol		ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	5	ND	ND	ND	ND	ND
3-Nitroaniline			ND	ND	ND	ND
4,6-Dinitro-2-methyphenol		ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether		ND	ND	ND	ND	ND
4-Chloro-3-methylphenol		ND	ND	ND	ND	ND
4-Chloroaniline			ND	ND	ND	ND
4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND
4-Methyphenol			ND	ND	ND	ND
4-Nitroaniline			ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND
Acenaphthene	20	ND	ND	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND
Acetophenone			ND	ND	ND	ND
Anthracene	50	460 J	ND	ND	ND	ND
Atrazine			ND	ND	ND	ND
Benzaldehyde			ND	ND	ND	ND
Benzo(a)anthracene	**0.00**	**2,200**	ND	ND	ND	ND
Benzo(a)pyrene		***2,100***	ND	ND	ND	*ND*
Benzo(b)fluoranthene	0.002	***3,300***	ND	***.42 J***	ND	ND
Benzo(g,h)perylene		***3,000***	ND	***.43 J***	ND	ND

Benzo(k)fluoranthene	**0.002**	***1,300***	ND	ND	ND	ND
Biphenyl			ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		ND	ND	ND	ND	ND
Bis(2-chloroethoxy) methane	5	ND	ND	ND	ND	ND
Bis(2-chloroethyl) ether		ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	5	***1,300***	ND	ND	ND	ND
Butyl benzyl phthalate		ND	ND	ND	ND	ND
Carprolactam			ND	ND	ND	ND
Carbazole			ND	ND	ND	ND
Chrysene	0.002	***2,300***	ND	ND	ND	ND
Dibenz(a,h)anthracene		760	ND	ND	ND	ND
Dibenzofuran			ND	ND	ND	ND
Diethyl phthalate	50	ND	ND	ND	ND	ND
Dimethyl phthalate	50	ND	ND	ND	ND	ND
Di-n-buty l phthalate	50	ND	ND	ND	ND	ND
Di-n-octyl phthalate	50	ND	ND	ND	ND	ND
Fluoranthene	50	***4,100***	ND	ND	ND	ND
Fluorene	50	410 J	ND	ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND	ND	ND
Hexachloroethane	5	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	***3,400***	ND	***.55 J***	ND	ND
Isophorone	50	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND
Nitrobenzene	0.4	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine		ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	50	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Phenanthrene	50	450	ND	ND	ND	ND
Phenol	1	ND	ND	ND	ND	ND
Pyrene	50	***3,600***	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	1,060	ND	ND	ND	450
Manganese (Method 6010B)			320 B	220 B	820	22,100
Nitrate as N (EPA Method 9056)	10,000	7,400	10,600	4,800	2,400	2,500
Chemical Oxygen Demand (EPA Method 410.4)		23,000	19,200	ND	ND	22,500 B
Total Organic Carbon (EPA Method 9060A)	10,000	ND	3,600 B	1,900 B	1,600 B	2,300 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B- Compound was found in the blank and sample
E- Result exceeded calibration range
F1- MS and /MS recovery is outside acceptance limits
F2- MS/MSD RPD exceeds control limits
J- Includes an estimated value
(-) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL OW1-3**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	***5***	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	***5***		ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5		ND	ND	ND	ND
1,1-Dichloroethene	***5***	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***190 J***	***890***	***850***	***720***	***780***
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND
Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND

Methylene chloride	5	*190J*	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	***5***	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***2,700***	***18,000***	***24,000***	***29,000***	***22,000***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	*Pre-ISCO*	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	227 J	2,000	290 B	290	310
Manganese (EPA Method 6010B)			5,100 B	380 B	490	98
Nitrate as N (EPA Method 9056)	10,000	780	3,400	3,900	6,000	4,100
Chemical Oxygen Demand (EPA Method 410.4)		3,700 J	19,200	ND	6,300 J	7,300 J
Total Organic Carbon (EPA Method 9060A)	NS	ND	2,600 B	2,100 B	8,600 B	1,400 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B – Compound found in the blank and sample
F1- MS and/or MS Recovery exceeds the control limits
J – Includes an estimated value
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL OW1-4**		**2017** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1		ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04		ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,2-Dichloroethane	0.06	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide			ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***13 J***	***30***	***29***	***57***	***36***
cis-1,3-Dichloropropene	0.4		ND	ND F1	ND	ND
Cyclohexane			ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND
Dichlorodifluoromethane	5		ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5		ND	ND	ND	ND
Methyl acetate			ND	ND	ND	ND

Methyl tert-butyl ether	10		ND	ND	ND	ND
Methylcyclohexane			ND	ND	ND	ND
Methylene chloride	5	*12 J*	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	***5***	***320***	***610***	***570*** F1	***140***	***570 E***
Trichlorofluoromethane	5		ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	209 J	6,400	740 B	540	530
Manganese (EPA Method 6010B)			1,200 B	41 B	28	25
Nitrate as N (EPA Method 9056)	10,000	3,000	4,500	3,500	4,900	3,300
Chemical Oxygen Demand (EPA Method 410.4)		ND	38,800	ND	ND	9,000 J B
Total Organic Carbon (EPA Method 9060A)	NS	ND	ND	2,00 B	2,500 B	1,300 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B- Compound found in the blank and sample
E – Result exceeds calibration range
F1- MS and/or MSD Recovery is outside acceptance limits
J – Includes an estimated value
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

Analytes: VOC's EPA Method 8260B	**WELL OW2-2**		**2017** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/28/17	6/26/17	9/28/17	12/19/17
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
1,2, 4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2 -Dichloropropane	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND
2-Butanone (MEK))	50	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	***140***	***14***	***100***	***250***	ND
Cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Cyclohexane		ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Isoproylbenzene	5	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND

Methylene chloride	5	20 JB	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND
Trichloroethene	5	***1200***	***49***	***330***	***1,100***	***570***
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/28/17	**2nd QTR** 6/26/17	**3rd QTR** 9/28/17	**4th QTR** 12/19/17
Iron (EPA Method 6010B)	300	239,000	2,900	5,500 B	260	560
Manganese (EPA Method 6010B)		3,640	540 B	1,100 B	1,200	5,300
Nitrate as N (EPA Method 9056)	10,000	210	5,100	1,900	510	3,900
Chemical Oxygen Demand (EPA Method 410.4)		193,000	9,800 J	ND	ND	ND
Total Organic Carbon (EPA Method 9060A)		ND	1,100 B	1,300 B	1,200 B	1,500 B

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
NS – Not Sampled
J – Includes an estimated value
E-Result Exceeded calibration range
F1- MS and/or MSD Recovery exceeds the control limits
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: MW05-02

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 /

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** — / — **% LEL:** — / —

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** — / —

PURGING INFORMATION

Date / Time Initiated: 12-18-17

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing ( ) Riser

Riser Diameter, Inches: ____

Initial Water Level, Feet: DRY ~~6.98~~

Elevation. G/W MSL: ____

Well Total Depth, Feet: ~~10.05~~

Method of Well Purge: ____

One (1) Riser Volume, Gal: ____

Dedicated: Y / N

Total Volume Purged, Gal: 0.5

Purged To Dryness Y / N

Purge Observations: ____

Start ____ **Finish** ____

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW 05-02

Date/Time 12-19-17 1

Water Level @ Sampling, Feet: —

Method of Sampling: —

Dedicated: Y / N

Multi-phased/ layered: ( ) Yes ( ) No

If YES: ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling:

Sample Characteristics:

COMMENTS AND OBSERVATIONS: Well dry - no purge/Sample

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: MW05-03.

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1130

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

WELL INFORMATION

Date / Time Initiated: 12-18-17 / 1130

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: _____

Initial Water Level, Feet: DRY

Elevation. G/W MSL.: _____

Well Total Depth, Feet: _____

Method of Well Purge: _____

One (1) Riser Volume, Gal: _____

Dedicated: Y / N

Total Volume Purged, Gal: _____

Purged To Dryness Y / N

Purge Observations: _____

Start _____ **Finish** _____

PURGE DATA

Time	Purge Rate (gpm/hr)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-03

Date/Time 12·19·17 / — **Water Level @ Sampling, Feet:** DRY

Method of Sampling: _____ **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: —

Sample Characteristics: —

COMMENTS AND OBSERVATIONS: No Sample TAKEN
WELL DRY

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: MW05-04

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12·18·17 / 1255

Cond of seal: ( ) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** - / - **% LEL:** - / -

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** - / -

PURGE INFORMATION

Date / Time Initiated: 12·18·17 / 1255

Date / Time Completed: 12·18·17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: ____

Initial Water Level, Feet: DRY

Elevation. G/W MSL: ____

Well Total Depth, Feet: ____

Method of Well Purge: ____

One (1) Riser Volume, Gal: ____

Dedicated: Y / N

Total Volume Purged, Gal: ____

Purged To Dryness Y / N

Purge Observations: ____

Start ____ **Finish** ____

PURGE PARAMETERS

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-04

Date/Time 12-19-17 /

Water Level @ Sampling, Feet: DRY

Method of Sampling: —

Dedicated: Y / N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling:

Sample Characteristics:

COMMENTS AND OBSERVATIONS:

Well Dry - not Sampled

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: MW05-05

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1300

Cond of seal: ( ) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION

Date / Time Initiated: 12-18-17 / 1300

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: _____

Initial Water Level, Feet: DRY

Elevation. G/W MSL: _____

Well Total Depth, Feet: _____

Method of Well Purge: _____

One (1) Riser Volume, Gal: _____

Dedicated: Y / N

Total Volume Purged, Gal: _____

Purged To Dryness Y / N

Purge Observations: _____

Start _____ **Finish** _____

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-05

Date/Time 12-19-17 / — **Water Level @ Sampling, Feet:** —

Method of Sampling: _____ **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: —

Sample Characteristics: —

COMMENTS AND OBSERVATIONS:

Well Dry - not sampled

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: MW05-10

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1315

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** - / - **% LEL:** - / -

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** - / -

PURGE INFORMATION:

Date / Time Initiated: 12-18-17 / 1315

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, inches: 2.0

Initial Water Level, Feet: 6.96

Elevation. G/W MSL.: ____

Well Total Depth, Feet: 19.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: ____

Dedicated: (Y) / N

Total Volume Purged, Gal: 6.00

Purged To Dryness Y / (N)

Purge Observations: Cloudy

Start ____ **Finish** ____

PURGED PARAMETERS

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MWDS-10

Date/Time 12·19·17 / 1149 **Water Level @ Sampling, Feet:** 7.02

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO)	Other (ORP)
1149	13.65	7.59	4560	59	41	96 mV

501
4.41

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: Cloudy

COMMENTS AND OBSERVATIONS:

Sampled @ 1149

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: MW05-H

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING WELL

Date/Time 12-18-17 1315

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** — / — **% LEL:** — / —

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** — / —

PURGE INFORMATION:

Date / Time Initiated: 12-18-17 / 1315

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: DRY

Elevation. G/W MSL: ____

Well Total Depth, Feet: ____

Method of Well Purge: ____

One (1) Riser Volume, Gal: ____

Dedicated: Y / N

Total Volume Purged, Gal: ____

Purged To Dryness Y / N

Purge Observations: ____

Start ____ **Finish** ____

PURGED DATA (WELL)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW08-11

Date/Time 12-19-17 / — **Water Level @ Sampling, Feet:** —

Method of Sampling: — **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: —

Sample Characteristics: —

COMMENTS AND OBSERVATIONS:

Well Dry - not Sampled

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: OW 1-1

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING WELL INSPECTION:

Date/Time 12-18-17 / 1245

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION:

Date / Time Initiated: 12-18-17 / 1245

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 19.00

Elevation. G/W MSL: ____

Well Total Depth, Feet: 27.80

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: ____

Dedicated: (Y) / N

Total Volume Purged, Gal: 4.5

Purged To Dryness Y / (N)

Purge Observations: Brown

Start ____ **Finish** ____

PURGE DATA:

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW1-1

Date/Time 12-19-17 / 1208 **Water Level @ Sampling, Feet:** 18.48

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (✓) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)
1208	13.25	7.62	4840	106	116	40.5

SAL 3.42

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: Brown tint

COMMENTS AND OBSERVATIONS: Sampled @ 1208

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: OW-1-13

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1220

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

INSTALLATION

Date / Time Initiated: 12-18-17/1220

Date / Time Completed: 12-18-17/1226

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 16.52

Elevation. G/W MSL: _____

Well Total Depth, Feet: _____

Method of Well Purge: Trash pump

One (1) Riser Volume, Gal: 1.2

Dedicated: (Y) / N

Total Volume Purged, Gal: 3.0

Purged To Dryness Y / (N)

Purge Observations: Clear

Start clear **Finish** clear

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW1-3

Date/Time 12-19-17 / 1329 **Water Level @ Sampling, Feet:** 18.18

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)
1329	14.42	7.61	3460	2.1	201 mV	42.9

SAL ~~4.28~~ 4.15

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloudy / 45°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Sampled @ 1329

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: OW 1-14

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-14-17 / 1338

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION

Date / Time Initiated: 12-18-17/1338

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 20.18

Elevation. G/W MSL: _____

Well Total Depth, Feet: 28.40

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: _____

Dedicated: (Y) / N

Total Volume Purged, Gal: 4.10

Purged To Dryness Y / (N)

Purge Observations: clear

Start _____ **Finish** _____

PURGE PARAMETERS

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW1-4

Date/Time 12.19.17 1311 **Water Level @ Sampling, Feet:** 20.83

Method of Sampling: Bailer **Dedicated:** (Y)/N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO)	Other (ORP)
1311	15.0	7.47	1420	2.8	4.76	151

Sal 4.45 mg/L

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloudy / 45°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1311

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR09-37

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1330

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ~ / ~ **% LEL:** ~ / ~

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ~ / ~

PURGE INFORMATION

Date / Time Initiated: 12-18-17

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 19.40

Elevation. G/W MSL: ____

Well Total Depth, Feet: 24.30

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: ____

Dedicated: (Y) / N

Total Volume Purged, Gal: 2.5

Purged To Dryness Y / (N)

Purge Observations: Sl. Cloudy

Start ____ **Finish** ____

PARAMETER DATA (MONITORING)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR09-37

Date/Time 12.19.17 / 1239 **Water Level @ Sampling, Feet:** 19.43

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)
1239	15.36	7.29	3350	4.7	146	39.6

Sal 1.18

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: Sl. tint

COMMENTS AND OBSERVATIONS: Sampled @ 1239

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR09-39

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1350

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION

Date / Time initiated: 12-18-17 / 1350

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, inches: 2.0

Initial Water Level, Feet: ~~24.13~~ 24.15

Elevation. G/W MSL: _____

Well Total Depth, Feet: 30.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: _____

Dedicated: (Y) / N

Total Volume Purged, Gal: 3.0

Purged To Dryness Y / (N)

Purge Observations: Clear

Start _____ **Finish** _____

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR09-39

Date/Time 12.19.17 1317 **Water Level @ Sampling, Feet:** 19.80

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO)	Other (ORP)
1317	13.24	7.64	2.220	1.5	19.4	184

SAL 1.94

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Sampled @ 1317

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12.19.17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: TW2-1'

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 0933

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** — / — **% LEL:** — / —

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** — / —

PURGE INFORMATION

Date / Time Initiated: 12-18-17 0935

Date / Time Completed: 12-18-17 0948

Surf. Meas. Pt: ( ) Prot. Casing ( ) Riser

Riser Diameter, Inches: 4.0

Initial Water Level, Feet: 18.88

Elevation. G/W MSL: ____

Well Total Depth, Feet: 35.75

Method of Well Purge: TRASH PUMP

One (1) Riser Volume, Gal: 11.0

Dedicated: Y / N

Total Volume Purged, Gal: 33

Purged To Dryness Y / N

Purge Observations: ____

Start Clear **Finish** Clear

PURGE PARAMETERS

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: IW.2-3

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12·18·17 1 0915

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** - / - **% LEL:** - / -

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** - / -

PURGE INFORMATION:

Date / Time Initiated: 12·18·17 / 0915

Date / Time Completed: 12·18·17 / 0930

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 4.0

Initial Water Level, Feet: 17.19

Elevation. G/W MSL: ____

Well Total Depth, Feet: 35.82

Method of Well Purge: Trash pump

One (1) Riser Volume, Gal: 12.14

Dedicated: (Y) / N

Total Volume Purged, Gal: 36

Purged To Dryness Y / (N)

Purge Observations: ____

Start Clear **Finish** Clear

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID IW2-3

Date/Time 12.19.17 / 1023 **Water Level @ Sampling, Feet:** 17.94

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO %)	Other (ORP)
1023	12.70	7.61	3290	57	21.1	149 mV

sul.
1.96 mg/L

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 44°F

Sample Characteristics: Turbid

COMMENTS AND OBSERVATIONS:

Sampled @ 1023

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 12.19.17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID TW2-1

Date/Time 12·19·17 / 1034 **Water Level @ Sampling, Feet:** 18.96

Method of Sampling: Bailer **Dedicated:** Y/N

Multi-phased/ layered: ( ) Yes (✓) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)
1034	12.8	7.40	3190	21.2	58 mV	12.0%

SAC mg/L
1.19

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy 45°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Sampled @ 1054

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: OB09-36

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1122

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** - / - **% LEL:** - / -

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** - / -

WELL DEVELOPMENT INFORMATION

Date / Time Initiated: 12-18-17 / 1122

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 15.60

Elevation. G/W MSL: ____

Well Total Depth, Feet: 34.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: ____

Dedicated: (Y) / N

Total Volume Purged, Gal: 9.2

Purged To Dryness Y / (N)

Purge Observations: Cloudy

Start ____ **Finish** ____

PURGED PARAMETERS

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OB09-36

Date/Time 12·19·17 1~~0~~0946 **Water Level @ Sampling, Feet:** 15.46

Method of Sampling: Bailer **Dedicated:** Y/N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO)	Other (ORP)
0946	11.46	7.18	5900	10.6	10.1%	155

Sal mg/L 1.75

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 44°F

Sample Characteristics: Cloudy

COMMENTS AND OBSERVATIONS:

Sample taken @ 0946

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR09-38

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONI

Date/Time 12-18-17 1 1043

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged

If prot.casing; depth to riser below:

Gas Meter (Calibration/ Reading): % Gas: – / –

% LEL: – / –

Vol. Organic Meter (Calibration/Reading):

Volatiles (ppm) – / –

PURGE INFORMATION

Date / Time Initiated: 12-18-17

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 17.54

Elevation. G/W MSL:

Well Total Depth, Feet: 33.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal:

Dedicated: (Y) / N

Total Volume Purged, Gal: 6.75

Purged To Dryness Y / (N)

Purge Observations: cloudy

Start Finish

PURGE DATA RECORDED

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR09-34

Date/Time 12.19.17 / 1004 **Water Level @ Sampling, Feet:** 17.37

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)	Sal mg/L
1004	11.85	7.30	4720	5.3	154	12.3%	1.35

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Sunny 35°

Sample Characteristics: Sl. tint

COMMENTS AND OBSERVATIONS:

Sampled @ 1004

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12.19.17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR-10-4.6

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1220

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION:

Date / Time Initiated: 12-18-17 / 1220

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 13.91

Elevation. G/W MSL: _____

Well Total Depth, Feet: 27.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: _____

Dedicated: (Y) / N

Total Volume Purged, Gal: 6.50

Purged To Dryness Y / (N)

Purge Observations: cloudy

Start _____ **Finish** _____

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR10-46

Date/Time 12-19-17 / 1056 **Water Level @ Sampling, Feet:** 13.79

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO %)	Other (ORP)
1056	13.66	7.45	4400	0.8	37.0	107.0

Sal 3.26mg/L

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Sunny / 44°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1056

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR 10-47

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1151

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** - / - **% LEL:** - / -

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** - / -

PURGE INFORMATION

Date / Time Initiated: 12-18-17 / 1151

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 13.98

Elevation. G/W MSL: ____

Well Total Depth, Feet: 28.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: ____

Dedicated: (Y) / N

Total Volume Purged, Gal: 7.0

Purged To Dryness Y / (N)

Purge Observations: Brown

Start ____ **Finish** ____

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR10-47

Date/Time 12-19-17 / ~~1048~~ 1045 **Water Level @ Sampling, Feet:** 13.81

Method of Sampling: Bailer **Dedicated:** Y / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)
1045	15.21	7.68	2030	24.7	135	12.0%

Sal 1.23mg/L

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 44°F

Sample Characteristics: Brown

COMMENTS AND OBSERVATIONS:

Sampled @ 1045

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: BR-07-31

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1205

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried %

Prot. Casing/riser height: —

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged

If prot.casing; depth to riser below:

Gas Meter (Calibration/ Reading): % Gas: ~ / ~ % LEL: ~ / ~

Vol. Organic Meter (Calibration/Reading): Volatiles (ppm) ~ / ~

PURGE INFORMATION

Date / Time Initiated: 12-18-17 / 1205

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 9.31

Elevation. G/W MSL:

Well Total Depth, Feet: 20.00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal:

Dedicated: (Y) / N

Total Volume Purged, Gal: 5.25

Purged To Dryness Y / (N)

Purge Observations: Sl. tint

Start Finish

PURGE DATA RECORD

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR07-31

Date/Time 12.19.17 1 ~~1350~~ 1350 Water Level @ Sampling, Feet: 9.10

Method of Sampling: Pump Dedicated: Y / N

Multi-phased/ layered: ( ) Yes (X) No If YES: ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)	SAL
1350	11.5	7.17	36.40	1.7	194	0.0	0.0

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Sampled @ 1350

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 By: [signature] Company: TAC

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: MW-05-21

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1145

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: –

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION

Date / Time Initiated: 12-18-17 / 1145 **Date / Time Completed:** 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 5.92 **Elevation. G/W MSL.:** _____

Well Total Depth, Feet: 12.00 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: _____ **Dedicated:** (✓) N

Total Volume Purged, Gal: 3.00 **Purged To Dryness** Y / (N)

Purge Observations: Cloudy **Start** _____ **Finish** _____

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-21

Date/Time 12·19·17 1358 **Water Level @ Sampling, Feet:** 4.63

Method of Sampling: Bailer **Dedicated:** (Y)/N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO)
1358	10.39	7.15	2490	7.9	228	0.0

SAL
0.0

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS: Sampled @ 1358

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12/19/17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: OW.1-2

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 1320

Cond of seal: (✓) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (✓) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION

Date / Time Initiated: 12-18-17/1320

Date / Time Completed: 12-18-17

Surf. Meas. Pt: ( ) Prot. Casing (✓) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 21.05

Elevation. G/W MSL: ____

Well Total Depth, Feet: 28:00

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: ____

Dedicated: (Y) / N

Total Volume Purged, Gal: 3.5

Purged To Dryness Y / (N)

Purge Observations: ____

Start ____ **Finish** ____

PURGED DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW 1-2

Date/Time 12·19·17 1 12.52 **Water Level @ Sampling, Feet:** —

Method of Sampling: Bailer **Dedicated:** Y/N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1252						

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy / 45°F

Sample Characteristics: clear w/ oil

COMMENTS AND OBSERVATIONS: Sampled @ 1252

DUE TO THE CHEMICALS IN THE WELL MEASUREMENTS WERE NOT TAKEN

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 12·19·17 **By:** EK **Company:** TAC

FIELD OBSERVATIONS

Facility: Passt Seymour

Sample Point ID: OW-2-2

Field Personnel: FB, TB

Sample Matrix: Groundwater

MONITORING

Date/Time 12-18-17 / 0935

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried _____ %

Prot. Casing/riser height: –

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged _____

If prot.casing; depth to riser below: _____

Gas Meter (Calibration/ Reading): **% Gas:** – / – **% LEL:** – / –

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** – / –

PURGE INFORMATION

Date / Time Initiated: 12-18-17 0937

Date / Time Completed: 12-18-17 1015

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 4.0

Initial Water Level, Feet: 17.76

Elevation. G/W MSL: _____

Well Total Depth, Feet: 35.97

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 11.84

Dedicated: (Y) / N

Total Volume Purged, Gal: 35.5

Purged To Dryness Y / (N)

Purge Observations: _____

Start Clear **Finish** Turbid

PURGE DATA

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (umhos/cm)	Turb. (NTU)	Other	Other

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW2-7

Date/Time 12-19-17 / 1109

Water Level @ Sampling, Feet: 86.05

Method of Sampling: Bailer

Dedicated: Y/N

Multi-phased/ layered: ( ) Yes ( ) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (ORP)	Other (DO%)	Sal. mg/L
1109	12.44	7.60	4520	10.8	154 mV	21.2	1.99

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: Sunny 44°F

Sample Characteristics: Cloudy

COMMENTS AND OBSERVATIONS: Sampled @ 1109

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 12/19/17 **By:** EK **Company:** TAC