DW Stoner & Associates, LLC

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May 17, 2019

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 first quarter 2019 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 five (5) observation wells in AOC-1 overburden screened in the till/fill unit above the top of competent bedrock, to monitor ISCO effectiveness: MW05-03, MW05-04, MW05-05, MW05-10 and MW05-11. Well MW05-02 was decommissioned during the soil removal conducted in September 2018.

There are six (6) observation wells in AOC -1 screened in the upper fifteen feet of bedrock to monitor ISCO effectiveness: OW1-1, OW1-4, BR09-37 and BR09-39, BR10-46 and BR10-47. Wells OW1-2 and OW1-3 were decommissioned during the soil removal conducted in September 2018.

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) is also monitored 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 and as modified per a May 15, 2018 letter from Michael Belveg. In the May 15, 2018 letter Mr. Belveg stipulated that the following wells would be sampled only in the first and third quarters, wells MW05-21, BR07-31, OW2-2, OB09-36, OB09-38, and all wells in AOC-1 overburden. Sampling was completed on March 20 and 21, 2019. The Groundwater Field Sampling logs are included as Attachment A.

A soil removal program was completed in September and November of 2018. The results of that program were included in the 2019 Periodic Review Report.

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
WD - Well decommissioned

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

BR10-46	Pre-ISCO	Mar-19
PCE	ND	ND
TCE	9500	3400
cis-DCE	560	360

BR10-47	Pre-ISCO	Mar-19
PCE	ND	ND
TCE	6500	8.8
cis-DCE	290	9.5

BR08-35	Pre-ISCO	Mar-19
CVOCs		NS

BR08-34	Pre-ISCO	Mar-19
CVOCs		NS

BR08-33	Pre-ISCO	Mar-19
CVOCs		NS

OW1-3	Pre-ISCO	Mar-19
PCE		WD
TCE	2,700	WD
cis-DCE	190	WD

OB09-36	Pre-ISCO	Mar-19
TCE	140	15
cis-DCE	12	ND

OW2-2	Pre-ISCO	Mar-19
TCE	1,200	3.6
cis-DCE	140	ND

MW05-02	Pre-ISCO	Mar-19
TCE	220	WD
cis-DCE	1.5	WD

OW1-4	Pre-ISCO	Mar-19
TCE	320	210
cis-DCE	13	7.5

IW2-3	Pre-ISCO	Mar-19
TCE	6,000	130
cis-DCE	370	14

MW05-04	Pre-ISCO	Mar-19
TCE	98	NS

MW05-05	Pre-ISCO	Mar-19
TCE	130	NS
cis-DCE	17	NS

BR09-39	Pre-ISCO	Mar-19
PCE	ND	7.2J
TCE	290	400
cis-DCE	12	47

IW2-1	Pre-ISCO	Mar-19
PCE		ND
TCE	3,900	730
cis-DCE	210	120

OB09-38	Pre-ISCO	Mar-19
TCE	49	11
cis-DCE	8	9.7

BR07-31	Pre-ISCO	Mar-19
PCE		30
TCE		5.9
cis-DCE		9.3

MW05-21	Pre-ISCO	Mar-19
PCE		3.2
TCE		0.79J
cis-DCE		ND

OW1-2	Pre-ISCO	Mar-19
PCE	440	WD
TCE	49,000	WD
cis-DCE	4,800	WD

MW05-11	Pre-ISCO	Mar-19
PCE	6.5	NS
TCE	330	NS
cis-DCE	11	NS

OW1-1	Pre-ISCO	Mar-19
PCE	34	2.5J
TCE	2,700	180 F1
cis-DCE	470	10

MW05-10	Pre-ISCO	Mar-19
TCE	180	59
cis-DCE	35	3.3

BR09-37	Pre-ISCO	Mar-19
PCE		ND
TCE	78,000	98,000
cis-DCE	ND	7300

MW05-03	Pre-ISCO	Mar-19
PCE	ND	NS
TCE	250	NS
cis-DCE	10	NS

BR07-32	Pre-ISCO	Mar-19
TCE		NS

OFFICE BUILDING
CONCRETE SLAB & FOUNDATIONS
Paved Parking Area
HEAVY BRUSH AND WOODS
BOYD AVE.
CON RAIL (Auburn Branch)

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. HAVENS, L.S. 47491, LAST REVISED BY HAVENS ON JUNE 22, 1994.
DATUM CORRECTIONS AND MONITORING WELL LOCATIONS BY BRYANT ASSOCIATES, P.C. ARE AS SURVEYED ON NOVEMBER 8, 2005, and January 7, 2010.

DW Stoner & Associates LLC

Manlius, New York

DATE: 05/21/2019 JOB No: 1230

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: NAMES?
11/Apr/Syr/Jem
J:\PROJECTS\N=xxxx\N1100\N1103 - Pass & Seymour OM&M\4th Quarter 2011 - Phase\FW 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	3/21/19	Top of PVC	410.18	7.52	20.0	402.66	2.10
		Top of PVC	410.18		20.0		
		Top of PVC	410.18		20.0		
		Top of PVC	410.18		20.0		
BR07-32	3/21/19	Top of PVC	426.82	NS	20	NS	NS
		Top of PVC	426.82		20		
		Top of PVC	426.82		20		
		Top of PVC	426.82		20		
BR08-33	3/21/19	Top of PVC	408.11	NS	42	NS	NS
		Top of PVC	408.11		42		
		Top of PVC	408.11		42		
		Top of PVC	408.11		42		
BR08-34	3/21/19	Top of PVC	408.96	NS	42	NS	NS
		Top of PVC	408.96		42		
		Top of PVC	408.96		42		
		Top of PVC	408.96		42		
BR08-35	3/21/19	Top of PVC	408.35	NS	31	NS	NS
		Top of PVC	408.35		31		
		Top of PVC	408.35		31		
		Top of PVC	408.35		31		
BR09-37	3/21/19	Top of PVC	417.85	17.62	24.28	400.23	1.17
		Top of PVC	417.85		24.28		
		Top of PVC	417.85		24.28		
		Top of PVC	417.85		24.28		
BRO9-39	3/21/19	Top of PVC	424.06	21.36	30.22	402.7	1.81
		Top of PVC	424.06		30.22		
		Top of PVC	424.06		30.22		
		Top of PVC	424.06		30.22		
BR10-46	3/21/19	Top of PVC	417.10	12.19	27	404.91	5.99
		Top of PVC	417.10		27		
		Top of PVC	417.10		27		
		Top of PVC	417.10		27		
BR10-47	3/21/19	Top of PVC	416.67	12.19	28	404.48	2.68
		Top of PVC	416.67		28		
		Top of PVC	416.67		28		
		Top of PVC	416.67		28		
IW2-1	3/21/19	Top of PVC	418.25	17.6	34.35	400.65	6.25
		Top of PVC	418.25		34.35		
		Top of PVC	418.25		34.35		
		Top of PVC	418.25		34.35		

Table 1 Groundwater Elevations Pass and Seymour

IW2-3	3/21/19	Top of PVC	416.62	15.56	34.60	401.06	6.55
		Top of PVC	416.62		34.60		
		Top of PVC	416.62		34.6		
		Top of PVC	416.62		34.6		
MW05-02	3/21/19	Top of PVC	408.83	WD	9.92	WD	WD
		Top of PVC	408.83	WD	9.92	WD	WD
		Top of PVC	408.83	WD	9.92	WD	WD
		Top of PVC	408.83	WD	9.92	WD	NS
MW05-03	3/21/19	Top of PVC	421.42	NS	13.05	NS	DRY
		Top of PVC	421.42	NS	13.05	NS	NS
		Top of PVC	421.42	NS	13.05	NS	NS
		Top of PVC	421.42	NS	13.05	NS	NS
MW05-04	3/21/19	Top of PVC	408.45	NS	10.70	NS	NS
		Top of PVC	408.45	NS	10.70	NS	NS
		Top of PVC	408.45	NS	10.7	NS	NS
		Top of PVC	408.45	NS	10.7	NS	NS
MW05-05	3/21/19	Top of PVC	427.82	NS	18.0	NS	NS
		Top of PVC	427.82	NS	18.0	NS	NS
		Top of PVC	427.82	NS	18.0	NS	NS
		Top of PVC	427.82	NS	18.0	NS	NS
MW05-10	3/21/19	Top of PVC	403.89	15.9	19.25	387.99	0.53
		Top of PVC	403.89		19.25		
		Top of PVC	403.89		19.25		
		Top of PVC	403.89		19.25		
MW05-11	3/21/19	Top of PVC	410.0	NS	14.31	NS	NS
		Top of PVC	410.0	NS	14.31	NS	NS
		Top of PVC	410.0	NS	14.31	NS	NS
		Top of PVC	410.0	NS	14.31	NS	NS
MW05-21	3/21/19	Top of PVC	411.46	4.42	11.7	407.04	1.3
		Top of PVC	411.46		11.7		
		Top of PVC	411.46		11.7		
		Top of PVC	411.46		11.7		
OB09-36	3/21/19	Top of PVC	414.84	13.82	33.65	401.02	3.55
		Top of PVC	414.84		33.65		
		Top of PVC	414.84		33.65		
		Top of PVC	414.84		33.65		
OB09-38	3/21/19	Top of PVC	416.68	14.39	33.38	402.29	3.2
		Top of PVC	416.68		33.38		
		Top of PVC	416.68		33.38		
		Top of PVC	416.68		33.38		
OW1-1	3/21/19	Top of PVC	421.40	14.05	33.38	407.35	1.59
		Top of PVC	421.40				
		Top of PVC	421.40				

Table 1 Groundwater Elevations Pass and Seymour

		Top of PVC	421.40				
OW1-2	3/21/19	Top of PVC	421.25	WD	28.00	WD	WD
		Top of PVC	421.25	WD	28.00	WD	WD
		Top of PVC	421.25	WD	28.00	WD	WD
		Top of PVC	421.25	WD	28.0	WD	WD
OW1-3	3/21/1	Top of PVC	417.16	WD	25.75	WD	WD
		Top of PVC	417.16	WD	25.75	WD	WD
		Top of PVC	417.16	WD	25.75	WD	WD
		Top of PVC	417.16	WD	25.75	WD	WD
OW1-4	3/21/19	Top of PVC	419.90	16.95	27.97	402.95	1.87
		Top of PVC	419.90		27.97		
		Top of PVC	419.90		27.97		
		Top of PVC	419.90		27.97		
OW2-2	3/21/19	Top of PVC	416.59	15.01	34.71	401.58	3.05
		Top of PVC	416.59		34.71		
		Top of PVC	416.59		34.71		
		Top of PVC	416.59		34.71		

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
WD- Well decommissioned

Table 2 Groundwater Field Parameters, Pass and Seymour

Monitoring Well ID	Date 2018	Time	Temp (°C)	Conductivity (mmhos/cm)	Salinity	Dissolved Oxygen (%)	pH (units)	Eh (mV)	Turbidity (NTU)	Amount Purged (gal)
BR07-31	3/21	1020	0.18	1654	1.1	5.37	6.93	176.2	2.88	6.32
BR07-32	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-33	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-34	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-35	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR09-37	3/21	1235	4.87	1378	0.9	6.61	7.29	113.9	14.6	3.51
BR09-39	3/21	1225	5.82	1073	0.9	5.97	7.28	112.5	4.91	5.43
BR10-46	3/21	1142	3.57	2110	1.8	7.22	7.25	177.0	11.9	7.97
BR10-47	3/21	1135	3.32	949	1.0	6.50	7.43	105.8	16.6	8.06
IW2-1	3/21	1110	4.26	2452	2.2	4.77	7.18	46.0	12.5	18.77

Table 2 Groundwater Field Parameters, Pass and Seymour

IW2-3	3/21	1110	3.99	1886	2.4	5.51	7.38	58.4	12.5	19.65
MW05-02	3/21	WD	WD	WD	WD	WD	WD	WD	WD	WD
MW05-03	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW05-04	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW05-5	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW05-10	3/21	1200	4.88	2307	2.1	6.36	7.38	112.6	162	1.60
MW05-11	3/21	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW05-21	3/21	1015	.13	915	0.9	5.69	6.07	238.2	4.91	3.90
OB09-36	3/21	1125	3.86	2469	2.2	4.92	7.28	108.1	10.65	10.65

Table 2 Groundwater Field Parameters, Pass and Seymour

OB09-38	3/21	1050	3.25	1868	1.7	6.1	7.01	88.7	65.3	9.6
OW1-1	3/21	1210	4.13	2172	2.0	7.39	7.35	118.2	12.9	4.77
OW1-2	3/21	WD	WD	WD	WD	WD	WD	WD	WD	WD
		WD	WD	WD	WD	WD	WD	WD	WD	WD
		WD	WD	WD	WD	WD	WD	WD	WD	WD
		WD	WD	WD	WD	WD	WD	WD	WD	WD
OW1-3	3/21	WD	WD	WD	WD	WD	WD	WD	WD	WD
		WD	WD	WD	WD	WD	WD	WD	WD	WD
		WD	WD	WD	WD	WD	WD	WD	WD	WD
		WD	WD	WD	WD	WD	WD	WD	WD	WD
OW1-4	3/21	1215	4.90	680	0.6	5.88	7.25	110.6	8.86	5.63
OW2-2	3/21	1120	4.12	1534	1.4	6.82	7.35	89.3	13.3	9.17

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

WD- Well Decommissioned

Analytes: VOC's EPA Method 8260B	**WELL BR07-31**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	NS	ND			
1,1,2,2-Tetrachloroethane	5	NS	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	ND			
1,1,2-Trichloroethane	1	NS	ND			
1,1-Dichloroethane	5	NS	ND			
1,1-Dichloroethene	5	NS	ND			
1,2, 4-Trichlorobenzene	5	NS	ND			
1,2-Dibromo-3-Chloropropane	0.04	NS	ND			
1,2-Dibromoethane		NS	ND			
1,2-Dichlorobenzene	3	NS	ND			
1,2-Dichloroethane	0.6	NS	ND			
1,2 -Dichloropropane	1	NS	ND			
1,3-Dichlorobenzene	3	NS	ND			
1,4-Dichlorobenzene	3	NS	ND			
2-Butanone (MEK))	50	NS	ND			
2-Hexanone		NS	ND			
4-Methyl-2-pentanone (MIBK)		NS	ND			
Acetone	50	NS	3.3 J			
Benzene	1	NS	ND			
Bromodichloromethane	50	NS	ND			
Bromoform	50	NS	ND			
Bromomethane	5	NS	ND			
Carbon disulfide		NS	ND			
Carbon tetrachloride	5	NS	ND			
Chlorobenzene	5	NS	ND			
Chloroethane	5	NS	ND			
Chloroform	7	NS	ND			
Chloromethane		NS	ND			
cis-1,2-Dichloroethene	5	NS	**9.3**			
Cis-1,3-Dichloropropene	0.4	NS	ND			
Cyclohexane		NS	ND			
Dibromochloromethane		NS	ND			
Dichlorodifluoromethane	5	NS	ND			
Ethylbenzene	5	NS	ND			
Isoproylbenzene	5	NS	ND			
Methyl acetate		NS	ND			
Methyl tert-butyl ether	10	NS	ND			
Methylcyclohexane		NS	ND			

Methylene chloride	5	NS	ND			
Styrene	5	NS	ND			
Tetrachloroethene	5	NS	***30***			
Toluene	5	NS	ND			
trans-1,2-Dichloroethene	5	NS	ND			
trans-1,3-Dichloropropene	0.4	NS	ND			
Trichloroethene	5	NS	5.9			
Trichlorofluoromethane	5	NS	ND			
Vinyl chloride	2	NS	ND			
Xylenes, Total	5	NS	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR 3/21/19**	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	NS	62 B			
Manganese (EPA Method 6010B)		NS	280 B			
Nitrate as N (EPA Method 9056)	10,000	NS	56,800			
Chemical Oxygen Demand (EPA Method 410.4)		NS	14,400 B			
Total Organic Carbon (EPA Method 9060A		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)

Table 3 – Pass & Seymour 2019 Post-ISCO Groundwater Sample Analytical Results

Analytes: VOC's EPA Method 8260B	**WELL BR07-32**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/1/19			
1,1,1-Trichloroethane	5	NS	NS			
1,1,2,2-Tetrachloroethane	5	NS	NS			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS			
1,1,2-Trichloroethane	1	NS	NS			
1,1-Dichloroethane	5	NS	NS			
1,1-Dichloroethene	5	NS	NS			
1,2, 4-Trichlorobenzene	5	NS	NS			
1,2-Dibromo-3-Chloropropane	0.04	NS	NS			
1,2-Dibromoethane		NS	NS			
1,2-Dichlorobenzene	3	NS	NS			
1,2-Dichloroethane	0.6	NS	NS			
1,2 -Dichloropropane	1	NS	NS			
1,3-Dichlorobenzene	3	NS	NS			
1,4-Dichlorobenzene	3	NS	NS			
2-Butanone (MEK))	50	NS	NS			
2-Hexanone		NS	NS			
4-Methyl-2-pentanone (MIBK)		NS	NS			
Acetone	50	NS	NS			
Benzene	1	NS	NS			
Bromodichloromethane	50	NS	NS			
Bromoform	50	NS	NS			
Bromomethane	5	NS	NS			
Carbon disulfide		NS	NS			
Carbon tetrachloride	5	NS	NS			
Chlorobenzene	5	NS	NS			
Chloroethane	5	NS	NS			
Chloroform	7	NS	NS			
Chloromethane		NS	NS			
cis-1,2-Dichloroethene	5	NS	NS			
Cis-1,3-Dichloropropene	0.4	NS	NS			
Cyclohexane		NS	NS			
Dibromochloromethane		NS	NS			
Dichlorodifluoromethane	5	NS	NS			
Ethylbenzene	5	NS	NS			
Isoproylbenzene	5	NS	NS			
Methyl acetate		NS	NS			
Methyl tert-butyl ether	10	NS	NS			
Methylcyclohexane		NS	NS			
Methylene chloride	5	NS	NS			
Styrene	5	NS	NS			

Table 3 – Pass & Seymour 2019 Post-ISCO Groundwater Sample Analytical Results

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS			
Manganese (EPA Method 6010B)		NS	NS			
Nitrate as N (EPA Method 9056)	10,000	NS	NS			
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS			
Total Organic Carbon (EPA Method 9060A)		NS	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**		**2019** **1st QTR**	**2nd QTR**	**3rdQTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	NS	NS			
1,1,2,2-Tetrachloroethane	5	NS	NS			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS			
1,1,2-Trichloroethane	1	NS	NS			
1,1-Dichloroethane	5	NS	NS			
1,1-Dichloroethene	5	NS	NS			
1,2, 4-Trichlorobenzene	5	NS	NS			
1,2-Dibromo-3-Chloropropane	0.04	NS	NS			
1,2-Dibromoethane		NS	NS			
1,2-Dichlorobenzene	3	NS	NS			
1,2-Dichloroethane	0.6	NS	NS			
1,2 -Dichloropropane	1	NS	NS			
1,3-Dichlorobenzene	3	NS	NS			
1,4-Dichlorobenzene	3	NS	NS			
2-Butanone (MEK))	50	NS	NS			
2-Hexanone		NS	NS			
4-Methyl-2-pentanone (MIBK)		NS	NS			
Acetone	50	NS	NS			
Benzene	1	NS	NS			
Bromodichloromethane	50	NS	NS			
Bromoform	50	NS	NS			
Bromomethane	5	NS	NS			
Carbon disulfide		NS	NS			
Carbon tetrachloride	5	NS	NS			
Chlorobenzene	5	NS	NS			
Chloroethane	5	NS	NS			
Chloroform	7	NS	NS			
Chloromethane		NS	NS			
cis-1,2-Dichloroethene	5	NS	NS			
Cis-1,3-Dichloropropene	0.4	NS	NS			
Cyclohexane		NS	NS			
Dibromochloromethane		NS	NS			
Dichlorodifluoromethane	5	NS	NS			
Ethylbenzene	5	NS	NS			
Isoproylbenzene	5	NS	NS			
Methyl acetate		NS	NS			
Methyl tert-butyl ether	10	NS	NS			
Methylcyclohexane		NS	NS			

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS			
Manganese (EPA Method 6010B)		NS	NS			
Nitrate as N (EPA Method 9056)	10,000	NS	NS			
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS			
Total Organic Carbon (EPA Method 9060A)		NS	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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	NS	NS			
1,1,2,2-Tetrachloroethane	5	NS	NS			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS			
1,1,2-Trichloroethane	1	NS	NS			
1,1-Dichloroethane	5	NS	NS			
1,1-Dichloroethene	5	NS	NS			
1,2, 4-Trichlorobenzene	5	NS	NS			
1,2-Dibromo-3-Chloropropane	0.04	NS	NS			
1,2-Dibromoethane		NS	NS			
1,2-Dichlorobenzene	3	NS	NS			
1,2-Dichloroethane	0.6	NS	NS			
1,2 -Dichloropropane	1	NS	NS			
1,3-Dichlorobenzene	3	NS	NS			
1,4-Dichlorobenzene	3	NS	NS			
2-Butanone (MEK))	50	NS	NS			
2-Hexanone		NS	NS			
4-Methyl-2-pentanone (MIBK)		NS	NS			
Acetone	50	NS	NS			
Benzene	1	NS	NS			
Bromodichloromethane	50	NS	NS			
Bromoform	50	NS	NS			
Bromomethane	5	NS	NS			
Carbon disulfide		NS	NS			
Carbon tetrachloride	5	NS	NS			
Chlorobenzene	5	NS	NS			
Chloroethane	5	NS	NS			
Chloroform	7	NS	NS			
Chloromethane		NS	NS			
cis-1,2-Dichloroethene	5	NS	NS			
Cis-1,3-Dichloropropene	0.4	NS	NS			
Cyclohexane		NS	NS			
Dibromochloromethane		NS	NS			
Dichlorodifluoromethane	5	NS	NS			
Ethylbenzene	5	NS	NS			
Isoproylbenzene	5	NS	NS			
Methyl acetate		NS	NS			
Methyl tert-butyl ether	10	NS	NS			
Methylcyclohexane		NS	NS			

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS			
Manganese (EPA Method 6010B)		NS	NS			
Nitrate as N (EPA Method 9056)	10,000	NS	NS			
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS			
Total Organic Carbon (EPA Method 9060A)		NS	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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	NS	NS			
1,1,2,2-Tetrachloroethane	5	NS	NS			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS			
1,1,2-Trichloroethane	1	NS	NS			
1,1-Dichloroethane	5	NS	NS			
1,1-Dichloroethene	5	NS	NS			
1,2, 4-Trichlorobenzene	5	NS	NS			
1,2-Dibromo-3-Chloropropane	0.04	NS	NS			
1,2-Dibromoethane		NS	NS			
1,2-Dichlorobenzene	3	NS	NS			
1,2-Dichloroethane	0.6	NS	NS			
1,2 -Dichloropropane	1	NS	NS			
1,3-Dichlorobenzene	3	NS	NS			
1,4-Dichlorobenzene	3	NS	NS			
2-Butanone (MEK))	50	NS	NS			
2-Hexanone		NS	NS			
4-Methyl-2-pentanone (MIBK)		NS	NS			
Acetone	50	NS	NS			
Benzene	1	NS	NS			
Bromodichloromethane	50	NS	NS			
Bromoform	50	NS	NS			
Bromomethane	5	NS	NS			
Carbon disulfide		NS	NS			
Carbon tetrachloride	5	NS	NS			
Chlorobenzene	5	NS	NS			
Chloroethane	5	NS	NS			
Chloroform	7	NS	NS			
Chloromethane		NS	NS			
cis-1,2-Dichloroethene	5	NS	NS			
Cis-1,3-Dichloropropene	0.4	NS	NS			
Cyclohexane		NS	NS			
Dibromochloromethane		NS	NS			
Dichlorodifluoromethane	5	NS	NS			
Ethylbenzene	5	NS	NS			
Isoproylbenzene	5	NS	NS			
Methyl acetate		NS	NS			
Methyl tert-butyl ether	10	NS	NS			
Methylcyclohexane		NS	NS			

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS			
Manganese (EPA Method 6010B)		NS	NS			
Nitrate as N (EPA Method 9056)	10,000	NS	NS			
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS			
Total Organic Carbon (EPA Method 9060A)		NS	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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
D1,1,2-Trichloro-1,ND2,2trifluoroethane	5		ND			
ND1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	**ND**	***7,300***			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			

Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			
Methylene chloride	5	ND	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	ND			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***7,800***	***98,000***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	17,000	690 B			
Manganese (EPA Method 6010B)		NS	400 B			
Nitrate as N (EPA Method 9056)	10,000	2,100	1,300			
Chemical Oxygen Demand (EPA Method 410.4)		9,400	25,400 B			
Total Organic Carbon (EPA Method 9060A)	NS	ND	1,300			

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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5		ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	***12***	***47***			
cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5	ND	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	***7.2 J***			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***290***	***400***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	132	210 B			
Manganese (EPA Method 6010B)			32 B			
Nitrate as N (EPA Method 9056)	10,000	10,400	4,200			
Chemical Oxygen Demand (EPA Method 410.4)		4,300	17,700 B			
Total Organic Carbon (EPA Method 9060A)		ND	750 J			

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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5		ND F1			
1,1,2,2-Tetrachloroethane	5		ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1		ND			
1,1-Dichloroethane	5		ND			
1,1-Dichloroethene	5		ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND F1			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6		ND			
1,2 -Dichloropropane	1		ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50		ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)			ND			
Acetone	50		ND			
Benzene	1		ND			
Bromodichloromethane	50		ND F1			
Bromoform	50		ND F1			
Bromomethane	5		ND			
Carbon disulfide			ND			
Carbon tetrachloride	5		ND F1			
Chlorobenzene	5		ND			
Chloroethane	5		ND			
Chloroform	7		ND			
Chloromethane			ND			
cis-1,2-Dichloroethene	5		***360***			
cis-1,3-Dichloropropene	0.4		ND F1			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND F1			
Ethylbenzene	5		ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			

Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			
Methylene chloride	5		ND			
Styrene	5		ND			
Tetrachloroethene	5		ND F1			
Toluene	5		ND			
trans-1,2-Dichloroethene	5		ND F1			
trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	***5***		***3,400***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		350 B			
Manganese (EPA Method 6010B)			300 B			
Nitrate as N (EPA Method 9056)	10,000		1,600			
Chemical Oxygen Demand (EPA Method 410.4)			36,900 J B			
Total Organic Carbon (EPA Method 9060A)			970 J			

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
F1-MS and/or MSD Recovery is outside acceptance limits
(*) 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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5		ND			
1,1,2,2-Tetrachloroethane	5		ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1		ND			
1,1-Dichloroethane	5		ND			
1,1-Dichloroethene	5		ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6		ND			
1,2 -Dichloropropane	1		ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50		ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)			ND			
Acetone	50		4.5 J			
Benzene	1		ND			
Bromodichloromethane	50		ND			
Bromoform	50		ND			
Bromomethane	5		ND			
Carbon disulfide			ND			
Carbon tetrachloride	5		ND			
Chlorobenzene	5		ND			
Chloroethane	5		ND			
Chloroform	7		ND			
Chloromethane			ND			
cis-1,2-Dichloroethene	5		***8.5***			
cis-1,3-Dichloropropene	0.4		ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5		ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5		ND			
Styrene	5		ND			
Tetrachloroethene	5		NDJ			
Toluene	5		ND			
trans-1,2-Dichloroethene	5		ND			
trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	5		***8.8***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		920 B			
Manganese (EPA Method 6010B)			770 B			
Nitrate as N (EPA Method 9056)	10,000		4,800			
Chemical Oxygen Demand (EPA Method 410.4)			22,800 B			
Total Organic Carbon (EPA Method 9060A)			930 J			

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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5		ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	***210***	***120***			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			

Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			
Methylene chloride	5	39 J	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	ND			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***3,900***	***730***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,610	1,100 B			
Manganese (EPA Method 6010B)			230B			
Nitrate as N (EPA Method 9056)	10,000	440	400			
Chemical Oxygen Demand (EPA Method 410.4)		5,800	26,100 B			
Total Organic Carbon (EPA Method 9060A)		ND	860 J			

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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/18			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5		ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		110	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	***370***	***14***			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5	110 J	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	ND			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	5	***6,000***	***130***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	4,870	110 B			
Manganese (EPA Method 6010B)	300	473	38 B			
Nitrate as N (EPA Method 9056)	10,000	750	4,800			
Chemical Oxygen Demand (EPA Method 410.4)		7,100	9,400 J B			
Total Organic Carbon (EPA Method 9060A)		ND	830 J			

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**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	WD			
1,1,2,2-Tetrachloroethane	5	ND	WD			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	WD			
1,1,2-TrichloroethaneD	1	ND	WD			
1,1-DichloroethaneND	5	ND	WD			
1,1-DichloroetheneND	5	ND	WD			
1,2, 4-TrichlorobenzenNDe	5	ND	WD			
1,2-Dibromo-3-Chloropropane	0.04	ND	WD			
1,2-Dibromoethane		ND	WD			
1,2-Dichlorobenzene	3	ND	WD			
1,2-Dichloroethane	0.06	ND	WD			
1,2 -Dichloropropane	1	ND	WD			
1,3 Dichlorobenzene	3	ND	WD			
1,4-Dichlorobenzene	3	ND	WD			
2-Butanone (MEK))	50	ND	WD			
2-Hexanone		ND	WD			
4-Methyl-2-pentanone (MIBK)		ND	WD			
Acetone	50	ND	WD			
Benzene	1	ND	WD			
Bromodichloromethane	50	ND	WD			
Bromoform	50	ND	WD			
Bromomethane	5	ND	WD			
Carbon disulfide		ND	WD			
Carbon tetrachloride	5	ND	WD			
Chlorobenzene	5	ND	WD			
Chloroethane	5	ND	WD			
Chloroform	7	ND	WD			
Chloromethane		ND	WD			
cis-1,2-Dichloroethene	**5**	1.5	WD			
cis-1,3-Dichloropropene	0.4	ND	WD			
Cyclohexane		ND	WD			
Dibromochloromethane		ND	WD			
Dichlorodifluoromethane	5	ND	WD			
Ethylbenzene	5	ND	WD			
Isoproylbenzene	5	ND	WD			
Methyl acetate		ND	WD			
Methyl tert-butyl ether	10	ND	WD			
Methylcyclohexane		ND	WD			

Methylene chloride	5	ND	WD			
Styrene	5	ND	WD			
Tetrachloroethene	**5**	**ND**	WD			
Toluene	5	ND	WD			
trans-1,2-Dichloroethene	5	ND	WD			
Trans-1,3-Dichloropropene	0.4	ND	WD			
Trichloroethene	***5***	***220***	WD			
Trichlorofluoromethane	5	ND	WD			
Vinyl chloride	2	ND	WD			
Xylenes, Total	5	ND	WD			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	1st QTR 3/21/19	2nd QTR	3rd QTR	4th QTR
Iron (EPA Method 6010B)	300	2,7800	WD			
Manganese (EPA Method 6010B)		193	WD			
Nitrate as N (EPA Method 9056)	10,000	ND	WD			
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	WD			
Total Organic Carbon (EPA Method 9060A)	NS	1,600	WD			

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)
WD- Well Decommissioned

Analytes: VOC's EPA Method 8260B	**WELL MW05-03**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	NS*			
1,1,2,2-Tetrachloroethane	5	ND	NS *			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*			
1,1,2-TrichloroethaneD	1	ND	NS*			
1,1-DichloroethaneND	5	ND	NS*			
1,1-DichloroetheneND	5	ND	NS*			
1,2, 4-TrichlorobenzenNDe	5	ND	NS*			
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*			
1,2-Dibromoethane		ND	NS*			
1,2-Dichlorobenzene	3	ND	NS*			
1,2-Dichloroethane	0.06	ND	NS*			
1,2 -Dichloropropane	1	ND	NS*			
1,3 Dichlorobenzene	3	ND	NS*			
1,4-Dichlorobenzene	3	ND	NS*			
2-Butanone (MEK))	50	ND	NS*			
2-Hexanone		ND	NS*			
4-Methyl-2-pentanone (MIBK)		ND	NS*			
Acetone	50	ND	NS*			
Benzene	1	ND	NS*			
Bromodichloromethane	50	ND	NS*			
Bromoform	50	ND	NS*			
Bromomethane	5	ND	NS*			
Carbon disulfide		ND	NS*			
Carbon tetrachloride	5	ND	NS*			
Chlorobenzene	5	ND	NS*			
Chloroethane	5	ND	NS*			
Chloroform	7	ND	NS*			
Chloromethane		ND	NS*			
cis-1,2-Dichloroethene	**5**	1.5	NS*			
cis-1,3-Dichloropropene	0.4	ND	NS*			
Cyclohexane		ND	NS*			
Dibromochloromethane		ND	NS*			
Dichlorodifluoromethane	5	ND	NS*			
Ethylbenzene	5	ND	NS*			
Isoproylbenzene	5	ND	NS*			
Methyl acetate		ND	NS*			
Methyl tert-butyl ether	10	ND	NS*			
Methylcyclohexane		ND	NS*			

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

Other Analytes:	GW Std (ug/L)	Pre-ISCO	1st QTR 3/21/19	2nd QTR	3rd QTR	4th QTR
Iron (EPA Method 6010B)	300	2,7800	NS*			
Manganese (EPA Method 6010B)		193	NS*			
Nitrate as N (EPA Method 9056)	10,000	ND	NS*			
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS*			
Total Organic Carbon (EPA Method 9060A)	NS	1,600	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**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	NS*			
1,1,2,2-Tetrachloroethane	5	ND	NS*			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*			
1,1,2-Trichloroethane	1	ND	NS*			
1,1-Dichloroethane	5	ND	NS*			
1,1-Dichloroethene	5	ND	NS*			
1,2, 4-Trichlorobenzene	5	ND	NS*			
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*			
1,2-Dibromoethane		ND	NS*			
1,2-Dichlorobenzene	3	ND	NS*			
1,2-Dichloroethane	0.06	ND	NS*			
1,2 -Dichloropropane	1	ND	NS*			
1,3 Dichlorobenzene	3	ND	NS*			
1,4-Dichlorobenzene	3	ND	NS*			
2-Butanone (MEK))	50	ND	NS*			
2-Hexanone		ND	NS*			
4-Methyl-2-pentanone (MIBK)		ND	NS*			
Acetone	50	ND	NS*			
Benzene	1	ND	NS*			
Bromodichloromethane	50	ND	NS*			
Bromoform	50	ND	NS*			
Bromomethane	5	ND	NS*			
Carbon disulfide		ND	NS*			
Carbon tetrachloride	5	ND	NS*			
Chlorobenzene	5	ND	NS*			
Chloroethane	5	ND	NS*			
Chloroform	7	ND	NS*			
Chloromethane		ND	NS*			
cis-1,2-Dichloroethene	**5**	ND	NS*			
cis-1,3-Dichloropropene	0.4	ND	NS*			
Cyclohexane		ND	NS*			
Dibromochloromethane		ND	NS*			
Dichlorodifluoromethane	5	ND	NS*			
Ethylbenzene	5	ND	NS*			
Isoproylbenzene	5	ND	NS*			
Methyl acetate		ND	NS*			

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

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	290	NS*			
Manganese (EPA Method 6010B)		4.9	NS*			
Nitrate as N (EPA Method 9056)	10,000	2,700	NS*			
Chemical Oxygen Demand (EPA Method 410.4)	NS	ND	NS*			
Total Organic Carbon (EPA Method 9060A)	NS	1,100	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**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	NS*			
1,1,2,2-Tetrachloroethane	5	ND	NS *			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*			
1,1,2-TrichloroethaneD	1	ND	NS*			
1,1-DichloroethaneND	5	ND	NS*			
1,1-DichloroetheneND	5	ND	NS*			
1,2, 4-TrichlorobenzenNDe	5	ND	NS*			
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*			
1,2-Dibromoethane		ND	NS*			
1,2-Dichlorobenzene	3	ND	NS*			
1,2-Dichloroethane	0.06	ND	NS*			
1,2 -Dichloropropane	1	ND	NS*			
1,3 Dichlorobenzene	3	ND	NS*			
1,4-Dichlorobenzene	3	ND	NS*			
2-Butanone (MEK))	50	ND	NS*			
2-Hexanone		ND	NS*			
4-Methyl-2-pentanone (MIBK)		ND	NS*			
Acetone	50	ND	NS*			
Benzene	1	ND	NS*			
Bromodichloromethane	50	ND	NS*			
Bromoform	50	ND	NS*			
Bromomethane	5	ND	NS*			
Carbon disulfide		ND	NS*			
Carbon tetrachloride	5	ND	NS*			
Chlorobenzene	5	ND	NS*			
Chloroethane	5	ND	NS*			
Chloroform	7	ND	NS*			
Chloromethane		ND	NS*			
cis-1,2-Dichloroethene	**5**	1.5	NS*			
cis-1,3-Dichloropropene	0.4	ND	NS*			
Cyclohexane		ND	NS*			
Dibromochloromethane		ND	NS*			
Dichlorodifluoromethane	5	ND	NS*			
Ethylbenzene	5	ND	NS*			
Isoproylbenzene	5	ND	NS*			
Methyl acetate		ND	NS*			
Methyl tert-butyl ether	10	ND	NS*			
Methylcyclohexane		ND	NS*			

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

Other Analytes:	GW Std (ug/L)	Pre-ISCO	1st QTR 3/21/19	2nd QTR	3rd QTR	4th QTR
Iron (EPA Method 6010B)	300	2,7800	NS*			
Manganese (EPA Method 6010B)		193	NS*			
Nitrate as N (EPA Method 9056)	10,000	ND	NS*			
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS*			
Total Organic Carbon (EPA Method 9060A)	NS	1,600	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**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND			
1,1,2-Trichloroethane	1	***180***	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	***35***	ND			
1,2, 4-Trichlorobenzene	5	ND	ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06	ND	ND			
1,2 -Dichloropropane	1		ND			
1,3 Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	1.4 J	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)			ND			
Acetone	50	6.3 J	3.5 J			
Benzene	1		ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5		ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5		ND			
Chloroethane	5		ND			
Chloroform	7	ND	ND			
Chloromethane			ND			
cis-1,2-Dichloroethene	**5**	***35***	3.3			
cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5	ND	ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5	1.4	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	.59 J			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
Trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***160***	***59***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	*3630*	14,200 B			
Manganese (EPA Method 6010B)			.18 B			
Nitrate as N (EPA Method 9056)	10,000	3,000	3,400			
Chemical Oxygen Demand (EPA Method 410.4)	NS	8,100J	82,000 B			
Total Organic Carbon (EPA Method 9060A)	NS	1,800	1,200			

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**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	NS*			
1,1,2,2-Tetrachloroethane	5	ND	NS *			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS*			
1,1,2-TrichloroethaneD	1	ND	NS*			
1,1-DichloroethaneND	5	ND	NS*			
1,1-DichloroetheneND	5	ND	NS*			
1,2, 4-TrichlorobenzenNDe	5	ND	NS*			
1,2-Dibromo-3-Chloropropane	0.04	ND	NS*			
1,2-Dibromoethane		ND	NS*			
1,2-Dichlorobenzene	3	ND	NS*			
1,2-Dichloroethane	0.06	ND	NS*			
1,2 -Dichloropropane	1	ND	NS*			
1,3 Dichlorobenzene	3	ND	NS*			
1,4-Dichlorobenzene	3	ND	NS*			
2-Butanone (MEK))	50	ND	NS*			
2-Hexanone		ND	NS*			
4-Methyl-2-pentanone (MIBK)		ND	NS*			
Acetone	50	ND	NS*			
Benzene	1	ND	NS*			
Bromodichloromethane	50	ND	NS*			
Bromoform	50	ND	NS*			
Bromomethane	5	ND	NS*			
Carbon disulfide		ND	NS*			
Carbon tetrachloride	5	ND	NS*			
Chlorobenzene	5	ND	NS*			
Chloroethane	5	ND	NS*			
Chloroform	7	ND	NS*			
Chloromethane		ND	NS*			
cis-1,2-Dichloroethene	**5**	1.5	NS*			
cis-1,3-Dichloropropene	0.4	ND	NS*			
Cyclohexane		ND	NS*			
Dibromochloromethane		ND	NS*			
Dichlorodifluoromethane	5	ND	NS*			
Ethylbenzene	5	ND	NS*			
Isoproylbenzene	5	ND	NS*			
Methyl acetate		ND	NS*			
Methyl tert-butyl ether	10	ND	NS*			
Methylcyclohexane		ND	NS*			

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

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	2,7800	NS*			
Manganese (EPA Method 6010B)		193	NS*			
Nitrate as N (EPA Method 9056)	10,000	ND	NS*			
Chemical Oxygen Demand (EPA Method 410.4)	NS	22,000	NS*			
Total Organic Carbon (EPA Method 9060A)	NS	1,600	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**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5		ND			
1,1,2,2-Tetrachloroethane	5		ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1		ND			
1,1-Dichloroethane	5		ND			
1,1-Dichloroethene	5		ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06		ND			
1,2 -Dichloropropane	1		ND			
1,3 Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50		ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)			ND			
Acetone	50		3.6 J			
Benzene	1		ND			
Bromodichloromethane	50		ND			
Bromoform	50		ND			
Bromomethane	5		ND			
Carbon disulfide			ND			
Carbon tetrachloride	5		ND			
Chlorobenzene	5		ND			
Chloroethane	5		ND			
Chloroform	7		ND			
Chloromethane			ND			
cis-1,2-Dichloroethene	5		ND			
cis-1,3-Dichloropropene	0.4		ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5		ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5		ND			
Styrene	5		ND			
Tetrachloroethene	5		3.2			
Toluene	5		ND			
trans-1,2-Dichloroethene	5		ND			
Trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	5		0.79 J			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		260 B			
Manganese (EPA Method 6010B)			200 B			
Nitrate as N (EPA Method 9056)	10,000		95,500			
Chemical Oxygen Demand (EPA Method 410.4)	NS		48,500 B			
Total Organic Carbon (EPA Method 9060A)	NS		6,300			

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 OB09-36**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)	ND	ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	***12***	ND			
cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5	3.2 J	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	ND			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***149***	***15***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,610	290 B			
Manganese (EPA Method 6010B)			33 B			
Nitrate as N (EPA Method 9056)	10,000	440	3,500			
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,800	8,400 J B			
Total Organic Carbon (EPA Method 9060A)	NS	ND	990 J			

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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.6	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50		ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane			ND			
cis-1,2-Dichloroethene	5	***8***	***9.7***			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	38,700	5,800			
Manganese (EPA Method 6010B)			290 B			
Nitrate as N (EPA Method 9056)	10,000	94	140 H			
Chemical Oxygen Demand (EPA Method 410.4)		3,900	14,100 B			
Total Organic Carbon (EPA Method 9060A)	NS	ND	930 J			

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
H-Sample was prepped or analyzed beyond the specified holding time
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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	**5**	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	***5***	***470***	***10***			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5	*I70 J*	ND			
Styrene	5	ND	ND			
Tetrachloroethene	***5***	***34***	***2.5 J***			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	***5***	***2700***	***180 F 1***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	751	620 B			
Manganese (EPA Method 6010B)			30 B			
Nitrate as N (EPA Method 9056)	10,000	1,900	4,400			
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,600J	87,000B			
Total Organic Carbon (EPA Method)	NS	ND	850 J			

All values reported as ug/L
ND-Analyzed for but NOT DETECTED
F-1 -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)
^- ICV, CCV, ICB, CCB, ISA,ISH, CRI,CRA,DLCK or MRL standard: Instrument related QC is outside acceptance limits

Analytes: VOC's EPA Method 8260B	**WELL OW1-2**		**2019 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	***5***	ND	WD			
1,1,2,2-Tetrachloroethane	5	ND	WD			
1,1,2-Trichloro-1,2,2-trifluoroethane	5		WD			
1,1,2-Trichloroethane	1	ND	WD			
1,1-Dichloroethane	5	ND	WD			
1,1-Dichloroethene	***5***	ND	WD			
1,2, 4-Trichlorobenzene	5		WD			
1,2-Dibromo-3-Chloropropane	0.04		WD			
1,2-Dibromoethane			WD			
1,2-Dichlorobenzene	3		WD			
1,2-Dichloroethane	0.06	ND	WD			
1,2 -Dichloropropane	1	ND	WD			
1,3-Dichlorobenzene	3		WD			
1,4-Dichlorobenzene	3		WD			
2-Butanone (MEK)	50	ND	WD			
2-Hexanone			WD			
4-Methyl-2-pentanone (MIBK)		ND	WD			
Acetone	50	ND	WD			
Benzene	1	ND	WD			
Bromodichloromethane	50	ND	WD			
Bromoform	50	ND	WD			
Bromomethane	5	ND	WD			
Carbon disulfide			WD			
Carbon tetrachloride	5	ND	WD			
Chlorobenzene	5	ND	WD			
Chloroethane	5	ND	WD			
Chloroform	7		WD			
Chloromethane		ND	WD			
cis-1,2-Dichloroethene	*5*	***4,800***	WD			
cis-1,3-Dichloropropene	0.4	ND	WD			
Cyclohexane			WD			
Dibromochloromethane			WD			
Dichlorodifluoromethane	5		WD			
Ethylbenzene	5	ND	WD			
Isoproylbenzene	5		WD			
Methyl acetate			WD			
Methyl tert-butyl ether	10		WD			
Methylcyclohexane			WD			

Methylene chloride	5	*1,300 J*	WD			
Styrene	5	ND	WD			
Tetrachloroethene	***5***	***440 J***	WD			
Toluene	5	ND	WD			
trans-1,2-Dichloroethene	***5***	ND	WD			
Trans-1,3-Dichloropropene	0.4	ND	WD			
Trichloroethene	***5***	***49,000***	WD			
Trichlorofluoromethane	5		WD			
Vinyl chloride	2	ND	WD			
Xylenes, Total	5	ND	WD			

Analyte: SVOC **EPA Method: 8270C**	**GW Std (ug/l)**	**Pre-ISCO**	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
2,4,5-Trichlorophenol			WD			
2,4,6-Trichlorophenol		ND	WD			
2,4-Dichlorophenol	5	ND	WD			
2,4-Dimethylphenol	10	ND	WD			
2,4-Dinitrotoluene	5	ND	WD			
2,6-Dinitrotoluene	5	ND	WD			
2-Chloronaphthalene	10	ND	WD			
2-Chlorophenol		ND	WD			
2-Methylnaphthalene			WD			
2-Methylphenol			WD			
2-Nitrophenol		ND	WD			
3,3-Dichlorobenzidine	5	ND	WD			
3-Nitroaniline			WD			
4,6-Dinitro-2-methyphenol		ND	WD			
4-Bromophenyl phenyl ether		ND	WD			
4-Chloro-3-methylphenol		ND	WD			
4-Chloroaniline			WD			
4-Chlorophenyl phenyl ether		ND	WD			
4-Methyphenol			WD			
4-Nitroaniline			WD			
4-Nitrophenol		ND	WD			
Acenaphthene	20	ND	WD			
Acenaphthylene		ND	WD			
Acetophenone			WD			
Anthracene	50	460 J	WD			
Atrazine			WD			
Benzaldehyde			WD			
Benzo(a)anthracene	**0.00**	**2,200**	WD			
Benzo(a)pyrene		***2,100***	WD			
Benzo(b)fluoranthene	0.002	***3,300***	WD			
Benzo(g,h)perylene		***3,000***	WD			
Benzo(k)fluoranthene	**0.002**	***1,300***	WD			

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,060	WD			
Manganese (Method 6010B)			WD			
Nitrate as N (EPA Method 9056)	10,000	7,400	WD			
Chemical Oxygen Demand (EPA Method 410.4)		23,000	WD			
Total Organic Carbon (EPA Method 9060A)	10,000	ND	WD			

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)
^- ICV, CCV, ICB, CCB, ISA, ISH, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits
WD- Well Decommissioned

Analytes: VOC's EPA Method 8260B	**WELL OW1-3**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	***5***	ND	WD			
1,1,2,2-Tetrachloroethane	5	ND	WD			
1,1,2-Trichloro-1,2,2 trifluoroethane	***5***		WD			
1,1,2-Trichloroethane	1	ND	WD			
1,1-Dichloroethane	5		WD			
1,1-Dichloroethene	***5***	ND	WD			
1,2, 4-Trichlorobenzene	5		WD			
1,2-Dibromo-3-Chloropropane	0.04	ND	WD			
1,2-Dibromoethane			WD			
1,2-Dichlorobenzene	3		WD			
1,2-Dichloroethane	0.06	ND	WD			
1,2 -Dichloropropane	1	ND	WD			
1,3-Dichlorobenzene	3		WD			
1,4-Dichlorobenzene	3		WD			
2-Butanone (MEK))	50	ND	WD			
2-Hexanone			WD			
4-Methyl-2-pentanone (MIBK)		ND	WD			
Acetone	50	ND	WD			
Benzene	1	ND	WD			
Bromodichloromethane	50	ND	WD			
Bromoform	50	ND	WD			
Bromomethane	5	ND	WD			
Carbon disulfide			WD			
Carbon tetrachloride	5	ND	WD			
Chlorobenzene	5	ND	WD			
Chloroethane	5	ND	WD			
Chloroform	7	ND	WD			
Chloromethane		ND	WD			
cis-1,2-Dichloroethene	5	***190 J***	WD			
Cis-1,3-Dichloropropene	0.4	ND	WD			
Cyclohexane			WD			
Dibromochloromethane			WD			
Dichlorodifluoromethane	5		WD			
Ethylbenzene	5	ND	WD			
Isoproylbenzene	5		WD			
Methyl acetate			WD			
Methyl tert-butyl ether	10		WD			
Methylcyclohexane			WD			

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

Other Analytes	GW Std (ug/L)	*Pre-ISCO*	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	227 J	WD			
Manganese (EPA Method 6010B)			WD			
Nitrate as N (EPA Method 9056)	10,000	780	WD			
Chemical Oxygen Demand (EPA Method 410.4)		3,700 J	WD			
Total Organic Carbon (EPA Method 9060A)	NS	ND	WD			

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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1		ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	***13 J***	***7.5***			
cis-1,3-Dichloropropene	0.4		ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

Methylene chloride	5	*12 J*	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	2.6 J			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***320***	***210***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	209 J	1,200 B			
Manganese (EPA Method 6010B)			72 B			
Nitrate as N (EPA Method 9056)	10,000	3,000	3,200			
Chemical Oxygen Demand (EPA Method 410.4)		ND	16,100 J			
Total Organic Carbon (EPA Method 9060A)	NS	ND	1,200			

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B- Compound found in the blank and sample
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**		**2019** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/21/19			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5	ND	ND			
1,2-Dibromo-3-Chloropropane	0.04	ND	ND			
1,2-Dibromoethane		ND	ND			
1,2-Dichlorobenzene	3	ND	ND			
1,2-Dichloroethane	0.6	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3	ND	ND			
1,4-Dichlorobenzene	3	ND	ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone		ND	ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide		ND	ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	***140***	ND			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane		ND	ND			
Dibromochloromethane		ND	ND			
Dichlorodifluoromethane	5	ND	ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5	ND	ND			
Methyl acetate		ND	ND			
Methyl tert-butyl ether	10	ND	ND			
Methylcyclohexane		ND	ND			

Methylene chloride	5	20 JB	ND			
Styrene	5	ND	ND			
Tetrachloroethene	5	ND	ND			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	5	***1200***	***3.6***			
Trichlorofluoromethane	5	ND	ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/21/19	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	239,000	310 B			
Manganese (EPA Method 6010B)		3,640	100 B			
Nitrate as N (EPA Method 9056)	10,000	210	2,100			
Chemical Oxygen Demand (EPA Method 410.4)		193,000	23,400 B			
Total Organic Carbon (EPA Method 9060A)		ND	1,300			

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: Pass + Seymour

Sample Point ID: OW1-1

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-30-19 / 15:00 1240

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well	2.0"
Well Depth (from top of PVC)	23.40
Water Depth (from top of PVC)	14.05
Length of water Column	9.35
Purge Volume: LWC x 0.17 x 3=	4.77

Volume Purged 4.77 gal.

Methane Reading —

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1210	4.13	7.35	2172	12.9	118.2	7.39

Salinity PPT 2.0

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDK / RE **Company:** TA

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: OW1-4

Field Personnel: JDK/RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 / 3-21-19 1215

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well	2.0
Well Depth (from top of PVC)	28.00
Water Depth (from top of PVC)	16.95
Length of water Column	11.05
Purge Volume: LWC x 0.17 x 3=	5.63
Methane Reading	—

Volume Purged 5.63 ogal.

SAMPLE PURGE WAS DARK

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1215	4.90	7.25	680	8.86	110.6	5.88

Salinity PPT 0.6

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See Page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** JDK/RE **Company:** TM

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: OW2-02

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 / 3-21-19 1520 / 1120

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well	2.0
Well Depth (from top of PVC)	33.00
Water Depth (from top of PVC)	15.01
Length of water Column	17.99
Purge Volume: LWC x 0.17 x 3=	9.17
Methane Reading	—

Volume Purged 9.17 GALS.

PURGE WATER WAS CLOUDY

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1120	4.12	7.35	1534	13.3	89.3	6.82

Salinity ~~mg/L~~ PPT 1.4

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDK / RE **Company:** TA

(6)

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR09-37

Field Personnel: TDC / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 1235
3-21-19 1250

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well	2.0"
Well Depth (from top of PVC)	24.50
Water Depth (from top of PVC)	17.62
Length of water Column	6.88
Purge Volume: LWC x 0.17 x 3=	3.51
Methane Reading	—

Volume Purged ~~DRY AT~~ 3.5 GAL. RE

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1235	4.87	7.29	1378	14.6	113.9	6.61

Salinity ~~Mg/L~~ PPT 0.9

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See Page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDC / RE **Company:** TA

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR09-39

Field Personnel: TDK/RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 1315 / 3-21-19 1225

Method of Sampling: ~~Bailer~~ **Dedicated:** (YES)

Diameter of Well	2.0"
Well Depth (from top of PVC)	32.00
Water Depth (from top of PVC)	21.36
Length of water Column	10.64
Purge Volume: LWC x 0.17 x 3=	5.43
Volume Purged	5.43 gal.
Methane Reading	—

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
~~1225~~ 1225	5.82	7.28	1073	4.91	112.5	5.97

Salinity PPT 0.9

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDK/RE **Company:** TA

(13)

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** IW2-1

Field Personnel: IDK / RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 3-21-19 1100
3-20-19 / 12:45

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well 4.0"
Well Depth (from top of PVC) 36.00
Water Depth (from top of PVC) 17.60
Length of water Column 18.40
Purge Volume: LWC x 0.17 x 3= 18.77 **Volume Purged** 18.77 gal.

Methane Reading —

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1100	4.26	7.18	2452	17.6	46.0	4.77

Salinity 2.2 ppt

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See Page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** IDK / RE **Company:** TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** IW-2-3

Field Personnel: TDL / RF **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 3-30-2019 1310

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well	4.0"
Well Depth (from top of PVC)	34.82
Water Depth (from top of PVC)	15.56
Length of water Column	19.26
Purge Volume: LWC x 0.17 x 3=	19.65
Methane Reading	—

Volume Purged 19.65 gal.

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1310	3.99	7.38	1886	12.5	58.4	5.51

Salinity PPT 2.4

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/31/19 **By:** TDL / RF **Company:** TA

(5)

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR10-46

Field Personnel: JDK/RE **Sample Matrix:** (GW)

SAMPLING INFORMATION:

Date/Time 3-20-19 10:48 / 3-21-19 1142

Method of Sampling: Bailer **Dedicated:** (YES)

Diameter of Well	2.0"
Well Depth (from top of PVC)	27.80
Water Depth (from top of PVC)	12.19
Length of water Column	15.61
Purge Volume: LWC x 0.17 x 3=	7.97

Volume Purged 7.97 gal

Methane Reading —

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1142	3.57	7.25	2110	11.9	117.0	7.22

Salinity ppt 1.8

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See Page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** JDK/RE **Company:** TA

(9)

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BRIO-47

Field Personnel: TDK/RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 / 3-21-19 / 1135

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well	2.0
Well Depth (from top of PVC)	28.00
Water Depth (from top of PVC)	12.19
Length of water Column	15.81
Purge Volume: LWC x 0.17 x 3=	8.06
Methane Reading	—

Volume Purged 8.06 gal

PURGE WATER WAS TURBID

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1135	3.32	7.43	949	16.6	105.8	6.50

Salinity PPT 1.0

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDK/RE **Company:** _____

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: OB09-36

Field Personnel: TDIC / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 / 11:35
3-21-19 / 1125

Method of Sampling: Bailer

Dedicated: (YES)

Diameter of Well	2.0
Well Depth (from top of PVC)	34.70
Water Depth (from top of PVC)	13.82
Length of water Column	20.88
Purge Volume: LWC x 0.17 x 3=	10.65
Methane Reading	—

Volume Purged 10.65 gal

PURGE WATER WAS CLOUDY

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1125	3.86	7.28	2469	10.65	108.1	4.92

Salinity ms/L 2.2

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDIC / RE **Company:** TA

(5)

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: OBG-38

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3-20-19 / 3-21-19 1843 / 1050

Method of Sampling: (Bailer)

Dedicated: (YES)

Diameter of Well	2.0
Well Depth (from top of PVC)	33.20
Water Depth (from top of PVC)	14.39
Length of water Column	18.81
Purge Volume: LWC x 0.17 x 3=	9.60
Methane Reading	—

Volume Purged 9.60 gal.

Purge WATER WAS MURKY

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1050	3.25	7.01	1868	65.3*	88.7	6.16

Salinity mS/L PPT 1.7

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See Page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's.

COMMENTS AND OBSERVATIONS: *Collect Dissolved metals Sample.

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

Date: 3/21/19 **By:** TDK / RE **Company:** TA

FIELD OBSERVATIONS

Facility: PaSS + Seymour **Sample Point ID:** BR07-31

Field Personnel: TDK/RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 3/20/19/21 10:45 / 1020

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well 2.0"
Well Depth (from top of PVC) 19.93
Water Depth (from top of PVC) 7.52
Length of water Column 12.41
Purge Volume: LWC x 0.17 x 3= 6.32 **Volume Purged** 4.32 gal.

Methane Reading —

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1020	0.19	6.93	1654	2.88	176.2	5.37

Salinity PPT 1.1

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's.

COMMENTS AND OBSERVATIONS:

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

Date: 3/21/19 **By:** TDK/RE **Company:** TA

(2)

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW05-10

Field Personnel: TOL/RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 3-20-19 1850 / 3-21-19 1200

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well 2.0"
Well Depth (from top of PVC) 19.00
Water Depth (from top of PVC) ~~3.10~~ 15.9 RE
Length of water Column 3.10
Purge Volume: LWC x 0.17 x 3= 1.60 **Volume Purged** 1.40

Methane Reading —

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1200	4.88	7.38	2307	142 *	112.6	6.36

Salinity PPT 2.1

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS: * Collect Dissolved metals

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

Date: 3/21/19 **By:** TOL/RE **Company:** TA

(10)

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: MW-05-21

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 3.20.19 3-21-19 / 11:05 1015

Method of Sampling: (Bailer)

Dedicated: (YES)

Diameter of Well	2.0"
Well Depth (from top of PVC)	12.00
Water Depth (from top of PVC)	4.42
Length of water Column	7.58
Purge Volume: LWC x 0.17 x 3=	3.90
Methane Reading	—

Volume Purged 3.90 gal.

PURGE WATER WAS MURKY

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1015	.13	6.07	915	4.91	238.2	5.69

Salinity (TDS mg/L) PPT 0.9

INSTRUMENT CHECK DATA: Lamotte 2020 Turbidity meter

Turbidity 0.0 Serial #: C801968 Exp 6-19
Turbidity 1.0 Serial #: C80 1306 Exp 8-19
Turbidity 10.0 Serial #: C693333C Exp 4-19

YSI 556 multi meter

pH 4.0 Serial #: 8GE305 Exp 5-20
pH 7.0 Serial #: 8GE 54 Exp 5-20
pH 10.0 Serial #: 8GB 506 Exp 2-20

Cond Serial #: 8GE946 1,413 umhos/cm@25 C Exp 5-19

ORP Serial # 5100 240 **Mv** Exp 1-23

DO Calibrated to 98.8% @ 380'

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS: Horiba Salinity Meter calibrated by Pine Environmental

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

Date: 3 12 1 19 **By:** TDK / RE **Company:** TA

(1)