DW Stoner & Associates, LLC

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October 20, 2020

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 third quarter 2020 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, as amended February 2020. This site was issued a Certificate of Completion on December 16, 2010.

The quarterly groundwater sampling was conducted in accordance with the amended 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,

2. To evaluate the effect of soil removal in AOC-1 on groundwater quality, and

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

There is one monitoring well remaining in the AOC-1 overburden: Well MW05-10. MW05-10 is sampled once per year, in the third quarter. The other wells have been too dry to sample and have been eliminated from the monitoring program.

There are six (6) observation wells in AOC -1 screened in the upper fifteen feet of bedrock: OW1-1, OW1-4, BR09-37 and BR09-39, BR10-46 and BR10-47. These wells are to be sampled in the first and third quarter to evaluate groundwater concentrations in this area of concern.

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. IW2-1 and IW2-3 are sampled in the first and third quarters while the remaining three wells are sampled once a year, in the third quarter.

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, once per year, in the third quarter.

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 an SMP amendment submitted in 2020. Sampling was completed on September 23, 2020. The Groundwater Field Sampling logs are included as Attachment A.

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

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

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	Sep-20
PCE	ND	5
TCE	9500	4600
cis-DCE	560	540

BR10-47	Pre-ISCO	Sep-20
PCE	ND	ND
TCE	6500	11
cis-DCE	290	1.5

BR08-34	Pre-ISCO	Sep-20
CVOCs		13

BR08-33	Pre-ISCO	Sep-20
CVOCs		7.6

BR08-35	Pre-ISCO	Sep-20
CVOCs		ND

OB09-36	Pre-ISCO	Sep-20
TCE	140	15
cis-DCE	12	ND

OW2-2	Pre-ISCO	Sep-20
TCE	1,200	5.4
cis-DCE	140	ND

OW1-4	Pre-ISCO	Sep-20
TCE	320	2000
cis-DCE	13	100

IW2-3	Pre-ISCO	Sep-20
TCE	6,000	460
cis-DCE	370	92

BR09-39	Pre-ISCO	Sep-20
PCE	ND	13
TCE	290	1300
cis-DCE	12	160

IW2-1	Pre-ISCO	Sep-20
PCE		ND
TCE	3,900	18
cis-DCE	210	ND

OB09-38	Pre-ISCO	Sep-20
TCE	49	35
cis-DCE	8	23

BR07-31	Pre-ISCO	Sep-20
PCE		29
TCE		7.5
cis-DCE		18

OW1-1	Pre-ISCO	Sep-20
PCE	34	4.7J
TCE	2,700	3,200
cis-DCE	470	1000

MW05-10	Pre-ISCO	Sep-20
TCE	180	NS
cis-DCE	35	NS

MW05-21	Pre-ISCO	Sep-20
PCE		8.6
TCE		26
cis-DCE		3.3

BR07-32	Pre-ISCO	Sep-20
TCE		NS

BR09-37	Pre-ISCO	Sep-20
PCE		8
TCE	78,000	12,000
cis-DCE	ND	780

BR07-31, BR08-33, BR08-34, BR08-35, BR10-46, BR10-47, OB09-36, OW2-2, OW1-4, IW2-3, BR09-39, IW2-1, OB09-38, BR09-37, OW1-1, MW05-10, MW05-21, BR07-32, OFFICE BUILDING, Paved Parking Area, CONCRETE SLAB & FOUNDATIONS, HEAVY BRUSH AND WOODS, CON RAIL (Auburn Branch), BOYD AVE.

SCALE IN FEET
27.5 0 55 110

SURVEY NOTE
BASED ON A FIGURE PREPARED BY SWA REDEVELOPMENT OF NORTH AMERICA, DECEMBER 2011
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HAVENS, L.S. 47481, 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: 10/29/2020 JOB No: 1234

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: NAWCS?
11/Apr/Syr/jem
J:\PROJECTS\N-xxxx\N1100\N1103 - Pass & Seymour GW&M\4th Quarter 2011 - Phase\GW 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	3/31/20	Top of PVC	410.18	NS	20.0	NS	NS
	NS	Top of PVC	410.18		20.0		
	9/23/20	Top of PVC	410.18	10.54	20.0	399.64	1.6
		Top of PVC	410.18		20.0		
BR07-32	3/31/20	Top of PVC	426.82	NS	20	NS	NS
	NS	Top of PVC	426.82		20		
	9/23/20	Top of PVC	426.82	NA	20		
		Top of PVC	426.82		20		
BR08-33	3/31/20	Top of PVC	408.11	NS	42	NS	NS
	NS	Top of PVC	408.11		42		
	9/23/20	Top of PVC	408.11	11.7	42	396.41	5.3
		Top of PVC	408.11		42		
BR08-34	3/31/20	Top of PVC	408.96	NS	42	NS	NS
	NS	Top of PVC	408.96		42		
	9/23/20	Top of PVC	408.96	12.82	42	396.13	5.1
		Top of PVC	408.96		42		
BR08-35	3/31/20	Top of PVC	408.35	NS	31	NS	NS
	NS	Top of PVC	408.35		31		
	9/23/20	Top of PVC	408.35	11.72	31	408.35	3.43
		Top of PVC	408.35		31		
BR09-37	3/31/20	Top of PVC	417.85	16.68	24.28	401.17	1.39
	NS	Top of PVC	417.85		24.28		
	9/23/20	Top of PVC	417.85	21.88	24.28	395.97	.44
		Top of PVC	417.85		24.28		
BRO9-39	3/31/20	Top of PVC	424.06	15.71	30.22	408.35	2.76
	NS	Top of PVC	424.06		30.22		
	9/23/20	Top of PVC	424.06	21.4	30.22	402.66	1.79
		Top of PVC	424.06		30.22		
BR10-46	3/31/20	Top of PVC	417.10	11.42	27	405,68	2.78
	NS	Top of PVC	417.10		27		
	9/23/20	Top of PVC	417.10	15.9	27	401.2	2.02
		Top of PVC	417.10		27		
BR10-47	3/31/20	Top of PVC	416.67	12.50	28	404.17	2.63
	NS	Top of PVC	416.67		28		
	9/23/20	Top of PVC	416.67	15.81	28	400.86	2.06
		Top of PVC	416.67		28		
IW2-1	3/31/20	Top of PVC	418.25	16.48	34.35	401.77	12.75
	NS	Top of PVC	418.25		34.35		
	9/23/20	Top of PVC	418.25	22.83	34.35	395.42	8.56
		Top of PVC	418.25		34.35		

Table 1 Groundwater Elevations Pass and Seymour

IW2-3	3/31/20	Top of PVC	416.62	14.83	34.60	401.79	13.71
	NS	Top of PVC	416.62		34.60		
	9/23/20	Top of PVC	416.62	19.12	34.6	397.5	10.88
		Top of PVC	416.62		34.6		
MW05-10	3/31/20	Top of PVC	403.89	NS	19.25	NS	NS
	NS	Top of PVC	403.89		19.25		
	9/23/20	Top of PVC	403.89	NS	19.25	NS	NS
		Top of PVC	403.89		19.25		
MW05-21	3/31/20	Top of PVC	411.46	NS	11.7	NS	NS
	NS	Top of PVC	411.46		11.7		
	9/23/20	Top of PVC	411.46	6.73	11.7	404.73	0.89
		Top of PVC	411.46		11.7		
OB09-36	3/31/20	Top of PVC	414.84	NS	33.65	NS	NS
	NS	Top of PVC	414.84		33.65		
	9/23/20	Top of PVC	414.84	17.33	33.65	397.51	2.95
		Top of PVC	414.84		33.65		
OB09-38	3/31/20	Top of PVC	416.68	NS	33.38	NS	NS
	NS	Top of PVC	416.68		33.38		
	9/23/20	Top of PVC	416.68	19.4	33.38	397.28	2.34
		Top of PVC	416.68		33.38		
OW1-1	3/31/20	Top of PVC	421.40	14.0	23.05	407.4	2.34
	NS	Top of PVC	421.40		23.05		
	9/23/20	Top of PVC	421.40	19.23	23.05	402.17	.71
		Top of PVC	421.40		23.05		
OW1-4	3/31/20	Top of PVC	419.90	15.57	27.97	404.33	2.11
	NS	Top of PVC	419.90		27.97		
	9/23/20	Top of PVC	419.90	22.58	27.97	397.32	0.92
		Top of PVC	419.90		27.97		
OW2-2	3/31/20	Top of PVC	416.59	NS	34.71	NS	NS
	NS	Top of PVC	416.59		34.71		
	9/23/20	Top of PVC	416.59	19.14	34.71	397.45	2.35
		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 2020	Time	Temp (°C)	Conductivity (mmhos/cm)	Salinity	Dissolved Oxygen (%)	pH (units)	Eh (mV)	Turbidity (NTU)	Amount Purged (gal)
BR07-31	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1215	7.27	3424	1.4	7.45	7.0	120.9	12.4	4.82
BR07-32	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-33	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1320	5.94	5806	NM	8.72	7.02	61.6	3.15	15.93
BR08-34	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1305	6.8	6004	2.39	8.39	7.24	169.5	4.16	15.39
BR08-35	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1135	5.72	4172	2.1	5.71	7.23	88.2	29.7	10.34
BR09-37	3/31	1140	3.18	565	1.38	8.16	7.32	85.6	37.2	4.25
	9/23	1245	6.77	2494	1.2	7.58	7.27	151.1	45.9	1.33
BR09-39	3/31	1130	3.64	900	0.9	6.87	7.48	102.1	23.7	8.5
	9/23	1255	8.78	2282	0.9	5.86	7.25	164.5	10.85	5.37
BR10-46	3/31	1110	1.75	381	1.09	6.88	7.57	92.8	13.9	8.5
	9/23	1145	8.63	4041	2.1	5.39	6.91	74	31.6	6.06
BR10-47	3/31	1100	2.04	725	0.72	4.83	7.46	64.7	8.03	8.0
	9/23	1205	9.19	1698	0.73	4.40	7.24	110.9	18.9	6.21
IW2-1	3/31	1030	3.47	1950	1.07	7.12	6.15	124.3	4.54	38
	9/23	1030	5.39	2872	1.3	8.49	7.18	112.8	16.1	25.68

Table 2 Groundwater Field Parameters, Pass and Seymour

IW2-3	3/31	1045	2.74	991	0.95	5.82	6.95	66.9	3.53	41
	9/23	1015	15.3	4548	0.8	5.45	6.94	95.2	17.4	32.6
MW05-10	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW05-21	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1220	7.42	2870	1.1	5.45	6.98	131.9	16.6	2.68
OB09-36	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1100	6.06	4034	2.1	5.22	7.16	50.8	32.2	8.85
OB09-38	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1125	6.77	2952	2.0	5.08	6.93	102.8	71.3	7.03
OW1-1	3/31	1120	2.21	1030	2.1	7.26	7.4	115.4	11.63	7
	9/23	1150	6.98	3679	1.51	103.1	7.04	103.1	8.1	2.12
OW1-4	3/31	1150	2.67	1463	0.75	7.17	7.36	83.1	15.4	6.5
	9/23	1235	8.98	1648	0.7	7.31	7.05	137.2	18.4	2.76
OW2-2	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/23	1115	6.95	2941	2.0	5.17	7.13	80	74.1	7.06

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	NS	NS		ND	
1,1,2,2-Tetrachloroethane	5	NS	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS		ND	
1,1,2-Trichloroethane	1	NS	NS		ND	
1,1-Dichloroethane	5	NS	NS		ND	
1,1-Dichloroethene	5	NS	NS		ND	
1,2, 4-Trichlorobenzene	5	NS	NS		ND	
1,2-Dibromo-3-Chloropropane	0.04	NS	NS		ND	
1,2-Dibromoethane		NS	NS		ND	
1,2-Dichlorobenzene	3	NS	NS		ND	
1,2-Dichloroethane	0.6	NS	NS		ND	
1,2 -Dichloropropane	1	NS	NS		ND	
1,3-Dichlorobenzene	3	NS	NS		ND	
1,4-Dichlorobenzene	3	NS	NS		ND	
2-Butanone (MEK))	50	NS	NS		ND	
2-Hexanone		NS	NS		ND	
4-Methyl-2-pentanone (MIBK)		NS	NS		ND	
Acetone	50	NS	NS		ND	
Benzene	1	NS	NS		ND	
Bromodichloromethane	50	NS	NS		ND	
Bromoform	50	NS	NS		ND	
Bromomethane	5	NS	NS		ND	
Carbon disulfide		NS	NS		ND	
Carbon tetrachloride	5	NS	NS		ND	
Chlorobenzene	5	NS	NS		ND	
Chloroethane	5	NS	NS		ND	
Chloroform	7	NS	NS		ND	
Chloromethane		NS	NS		ND	
cis-1,2-Dichloroethene	5	NS	**NS**		***18***	
Cis-1,3-Dichloropropene	0.4	NS	NS		ND	
Cyclohexane		NS	NS		ND	
Dibromochloromethane		NS	NS		ND	
Dichlorodifluoromethane	5	NS	NS		ND	
Ethylbenzene	5	NS	NS		ND	
Isoproylbenzene	5	NS	NS		ND	
Methyl acetate		NS	NS		ND	
Methyl tert-butyl ether	10	NS	NS		ND	
Methylcyclohexane		NS	NS		ND	

Methylene chloride	5	NS	NS		ND	
Styrene	5	NS	NS		ND	
Tetrachloroethene	5	NS	NS		***29***	
Toluene	5	NS	NS		ND	
trans-1,2-Dichloroethene	5	NS	NS		ND	
trans-1,3-Dichloropropene	0.4	NS	NS		ND	
Trichloroethene	5	NS	NS		***7.5***	
Trichlorofluoromethane	5	NS	NS		ND	
Vinyl chloride	2	NS	NS		ND	
Xylenes, Total	5	NS	NS		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS		300	
Manganese (EPA Method 6010B)		NS	NS		120	
Nitrate as N (EPA Method 9056)	10,000	NS	NS		7,900	
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS		25,400	
Total Organic Carbon (EPA Method 9060A		NS	NS		1,100	

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 2020 Post-ISCO Groundwater Sample Analytical Results

Analytes: VOC's EPA Method 8260B	**WELL BR07-32**		**2020 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	NS	NS		NS	
1,1,2,2-Tetrachloroethane	5	NS	NS		NS	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS		NS	
1,1,2-Trichloroethane	1	NS	NS		NS	
1,1-Dichloroethane	5	NS	NS		NS	
1,1-Dichloroethene	5	NS	NS		NS	
1,2, 4-Trichlorobenzene	5	NS	NS		NS	
1,2-Dibromo-3-Chloropropane	0.04	NS	NS		NS	
1,2-Dibromoethane		NS	NS		NS	
1,2-Dichlorobenzene	3	NS	NS		NS	
1,2-Dichloroethane	0.6	NS	NS		NS	
1,2 -Dichloropropane	1	NS	NS		NS	
1,3-Dichlorobenzene	3	NS	NS		NS	
1,4-Dichlorobenzene	3	NS	NS		NS	
2-Butanone (MEK))	50	NS	NS		NS	
2-Hexanone		NS	NS		NS	
4-Methyl-2-pentanone (MIBK)		NS	NS		NS	
Acetone	50	NS	NS		NS	
Benzene	1	NS	NS		NS	
Bromodichloromethane	50	NS	NS		NS	
Bromoform	50	NS	NS		NS	
Bromomethane	5	NS	NS		NS	
Carbon disulfide		NS	NS		NS	
Carbon tetrachloride	5	NS	NS		NS	
Chlorobenzene	5	NS	NS		NS	
Chloroethane	5	NS	NS		NS	
Chloroform	7	NS	NS		NS	
Chloromethane		NS	NS		NS	
cis-1,2-Dichloroethene	5	NS	NS		NS	
Cis-1,3-Dichloropropene	0.4	NS	NS		NS	
Cyclohexane		NS	NS		NS	
Dibromochloromethane		NS	NS		NS	
Dichlorodifluoromethane	5	NS	NS		NS	
Ethylbenzene	5	NS	NS		NS	
Isoproylbenzene	5	NS	NS		NS	
Methyl acetate		NS	NS		NS	
Methyl tert-butyl ether	10	NS	NS		NS	
Methylcyclohexane		NS	NS		NS	
Methylene chloride	5	NS	NS		NS	
Styrene	5	NS	NS		NS	

Table 3 – Pass & Seymour 2020 Post-ISCO Groundwater Sample Analytical Results

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS		NS	
Manganese (EPA Method 6010B)		NS	NS		NS	
Nitrate as N (EPA Method 9056)	10,000	NS	NS		NS	
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS		NS	
Total Organic Carbon (EPA Method 9060A)		NS	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**		**2020** **1st QTR**	**2nd QTR**	**3rdQTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	NS	NS		ND	
1,1,2,2-Tetrachloroethane	5	NS	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS		ND	
1,1,2-Trichloroethane	1	NS	NS		ND	
1,1-Dichloroethane	5	NS	NS		ND	
1,1-Dichloroethene	5	NS	NS		ND	
1,2, 4-Trichlorobenzene	5	NS	NS		ND	
1,2-Dibromo-3-Chloropropane	0.04	NS	NS		ND	
1,2-Dibromoethane		NS	NS		ND	
1,2-Dichlorobenzene	3	NS	NS		ND	
1,2-Dichloroethane	0.6	NS	NS		ND	
1,2 -Dichloropropane	1	NS	NS		ND	
1,3-Dichlorobenzene	3	NS	NS		ND	
1,4-Dichlorobenzene	3	NS	NS		ND	
2-Butanone (MEK))	50	NS	NS		ND	
2-Hexanone		NS	NS		ND	
4-Methyl-2-pentanone (MIBK)		NS	NS		ND	
Acetone	50	NS	NS		ND	
Benzene	1	NS	NS		ND	
Bromodichloromethane	50	NS	NS		ND	
Bromoform	50	NS	NS		ND	
Bromomethane	5	NS	NS		ND	
Carbon disulfide		NS	NS		ND	
Carbon tetrachloride	5	NS	NS		ND	
Chlorobenzene	5	NS	NS		ND	
Chloroethane	5	NS	NS		ND	
Chloroform	7	NS	NS		ND	
Chloromethane		NS	NS		ND	
cis-1,2-Dichloroethene	5	NS	NS		ND	
Cis-1,3-Dichloropropene	0.4	NS	NS		ND	
Cyclohexane		NS	NS		ND	
Dibromochloromethane		NS	NS		ND	
Dichlorodifluoromethane	5	NS	NS		ND	
Ethylbenzene	5	NS	NS		ND	
Isoproylbenzene	5	NS	NS		ND	
Methyl acetate		NS	NS		ND	

Methyl tert-butyl ether	10	NS	NS		ND	
Methylcyclohexane		NS	NS		ND	
Methylene chloride	5	NS	NS		ND	
Styrene	5	NS	NS		ND	
Tetrachloroethene	5	NS	NS		ND	
Toluene	5	NS	NS		ND	
trans-1,2-Dichloroethene	5	NS	NS		ND	
trans-1,3-Dichloropropene	0.4	NS	NS		ND	
Trichloroethene	5	NS	NS		***7.6***	
Trichlorofluoromethane	5	NS	NS		ND	
Vinyl chloride	2	NS	NS		ND	
Xylenes, Total	5	NS	NS		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS		670	
Manganese (EPA Method 6010B)		NS	NS		37	
Nitrate as N (EPA Method 9056)	10,000	NS	NS		3,800	
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS		24,100	
Total Organic Carbon (EPA Method 9060A)		NS	NS		ND	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	NS	NS		ND	
1,1,2,2-Tetrachloroethane	5	NS	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS		ND	
1,1,2-Trichloroethane	1	NS	NS		ND	
1,1-Dichloroethane	5	NS	NS		ND	
1,1-Dichloroethene	5	NS	NS		ND	
1,2, 4-Trichlorobenzene	5	NS	NS		ND	
1,2-Dibromo-3-Chloropropane	0.04	NS	NS		ND	
1,2-Dibromoethane		NS	NS		ND	
1,2-Dichlorobenzene	3	NS	NS		ND	
1,2-Dichloroethane	0.6	NS	NS		ND	
1,2 -Dichloropropane	1	NS	NS		ND	
1,3-Dichlorobenzene	3	NS	NS		ND	
1,4-Dichlorobenzene	3	NS	NS		ND	
2-Butanone (MEK))	50	NS	NS		ND	
2-Hexanone		NS	NS		ND	
4-Methyl-2-pentanone (MIBK)		NS	NS		ND	
Acetone	50	NS	NS		ND	
Benzene	1	NS	NS		ND	
Bromodichloromethane	50	NS	NS		ND	
Bromoform	50	NS	NS		ND	
Bromomethane	5	NS	NS		ND	
Carbon disulfide		NS	NS		ND	
Carbon tetrachloride	5	NS	NS		ND	
Chlorobenzene	5	NS	NS		ND	
Chloroethane	5	NS	NS		ND	
Chloroform	7	NS	NS		ND	
Chloromethane		NS	NS		ND	
cis-1,2-Dichloroethene	5	NS	NS		0.92 J	
Cis-1,3-Dichloropropene	0.4	NS	NS		ND	
Cyclohexane		NS	NS		ND	
Dibromochloromethane		NS	NS		ND	
Dichlorodifluoromethane	5	NS	NS		ND	
Ethylbenzene	5	NS	NS		ND	
Isoproylbenzene	5	NS	NS		ND	
Methyl acetate		NS	NS		ND	
Methyl tert-butyl ether	10	NS	NS		ND	
Methylcyclohexane		NS	NS		ND	

Methylene chloride	5	NS	NS		ND	
Styrene	5	NS	NS		ND	
Tetrachloroethene	5	NS	NS		ND	
Toluene	5	NS	NS		ND	
trans-1,2-Dichloroethene	5	NS	NS		ND	
trans-1,3-Dichloropropene	0.4	NS	NS		ND	
Trichloroethene	5	NS	NS		***13***	
Trichlorofluoromethane	5	NS	NS		ND	
Vinyl chloride	2	NS	NS		ND	
Xylenes, Total	5	NS	NS		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS		150	
Manganese (EPA Method 6010B)		NS	NS		95	
Nitrate as N (EPA Method 9056)	10,000	NS	NS		2,000	
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS		27,400	
Total Organic Carbon (EPA Method 9060A)		NS	NS		ND	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	NS	NS		ND	
1,1,2,2-Tetrachloroethane	5	NS	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	NS	NS		ND	
1,1,2-Trichloroethane	1	NS	NS		ND	
1,1-Dichloroethane	5	NS	NS		ND	
1,1-Dichloroethene	5	NS	NS		ND	
1,2, 4-Trichlorobenzene	5	NS	NS		ND	
1,2-Dibromo-3-Chloropropane	0.04	NS	NS		ND	
1,2-Dibromoethane		NS	NS		ND	
1,2-Dichlorobenzene	3	NS	NS		ND	
1,2-Dichloroethane	0.6	NS	NS		ND	
1,2 -Dichloropropane	1	NS	NS		ND	
1,3-Dichlorobenzene	3	NS	NS		ND	
1,4-Dichlorobenzene	3	NS	NS		ND	
2-Butanone (MEK))	50	NS	NS		ND	
2-Hexanone		NS	NS		ND	
4-Methyl-2-pentanone (MIBK)		NS	NS		ND	
Acetone	50	NS	NS		ND	
Benzene	1	NS	NS		ND	
Bromodichloromethane	50	NS	NS		ND	
Bromoform	50	NS	NS		ND	
Bromomethane	5	NS	NS		ND	
Carbon disulfide		NS	NS		ND	
Carbon tetrachloride	5	NS	NS		ND	
Chlorobenzene	5	NS	NS		ND	
Chloroethane	5	NS	NS		ND	
Chloroform	7	NS	NS		ND	
Chloromethane		NS	NS		ND	
cis-1,2-Dichloroethene	5	NS	NS		ND	
Cis-1,3-Dichloropropene	0.4	NS	NS		ND	
Cyclohexane		NS	NS		ND	
Dibromochloromethane		NS	NS		ND	
Dichlorodifluoromethane	5	NS	NS		ND	
Ethylbenzene	5	NS	NS		ND	
Isoproylbenzene	5	NS	NS		ND	
Methyl acetate		NS	NS		ND	
Methyl tert-butyl ether	10	NS	NS		ND	
Methylcyclohexane		NS	NS		ND	

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	NS	NS		1,600	
Manganese (EPA Method 6010B)		NS	NS		220	
Nitrate as N (EPA Method 9056)	10,000	NS	NS		690	
Chemical Oxygen Demand (EPA Method 410.4)		NS	NS		25,600	
Total Organic Carbon (EPA Method 9060A)		NS	NS		ND	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	ND		***66***	
1,1,2,2-Tetrachloroethane	5	ND	ND		ND	
D1,1,2-Trichloro-1,ND2,2trifluoroethane	5		ND		***11***	
ND1,1,2-Trichloroethane	1	ND	ND		ND	
1,1-Dichloroethane	5	ND	ND		***6.3***	
1,1-Dichloroethene	5	ND	ND		***12***	
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	0.06	ND	ND		ND	
1,2 -Dichloropropane	1	ND	ND		ND	
1,3-Dichlorobenzene	3		ND		ND	
1,4-Dichlorobenzene	3		ND		ND	
2-Butanone (MEK))	50	ND	ND		ND	
2-Hexanone			ND		ND	
4-Methyl-2-pentanone (MIBK)		ND	ND		ND	
Acetone	50	ND	ND		ND	
Benzene	1	ND	ND		ND	
Bromodichloromethane	50	ND	ND		ND	
Bromoform	50	ND	ND		ND	
Bromomethane	5	ND	ND		ND	
Carbon disulfide			ND		ND	
Carbon tetrachloride	5	ND	ND		ND	
Chlorobenzene	5	ND	ND		ND	
Chloroethane	5	ND	ND		ND	
Chloroform	7	ND	ND		1.6 J	
Chloromethane		ND	ND		ND	
cis-1,2-Dichloroethene	5	**ND**	***7.8***		***780***	
Cis-1,3-Dichloropropene	0.4	ND	ND		ND	
Cyclohexane			ND		ND	
Dibromochloromethane			ND		ND	
Dichlorodifluoromethane	5		ND		ND	
Ethylbenzene	5	ND	ND		ND	
Isoproylbenzene	5		ND		ND	
Methyl acetate			ND		ND	

Methyl tert-butyl ether	10		ND		ND	
Methylcyclohexane			ND		ND	
Methylene chloride	5	ND	ND		ND	
Styrene	5	ND	ND		ND	
Tetrachloroethene	5	ND	ND		***8.0***	
Toluene	5	ND	ND		ND	
trans-1,2-Dichloroethene	5	ND	ND		***7.5***	
trans-1,3-Dichloropropene	0.4	ND	ND		ND	
Trichloroethene	***5***	***7,800***	***160***		***12,000***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2	ND	ND		ND	
Xylenes, Total	5	ND	ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	17,000	7,200		3,100	
Manganese (EPA Method 6010B)		NS	590		3,400	
Nitrate as N (EPA Method 9056)	10,000	2,100	2,000		2,000	
Chemical Oxygen Demand (EPA Method 410.4)		9,400	37,900		23,600	
Total Organic Carbon (EPA Method 9060A)	NS	ND	1,100		1,000	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	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		ND	
1,1-Dichloroethane	5	ND	ND		1.9 J	
1,1-Dichloroethene	5	ND	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		ND	
1,2 -Dichloropropane	1	ND	ND		ND	
1,3-Dichlorobenzene	3		ND		ND	
1,4-Dichlorobenzene	3		ND		ND	
2-Butanone (MEK))	50	ND	ND		ND	
2-Hexanone			ND		ND	
4-Methyl-2-pentanone (MIBK)		ND	ND		ND	
Acetone	50	ND	ND		ND	
Benzene	1	ND	ND		ND	
Bromodichloromethane	50	ND	ND		ND	
Bromoform	50	ND	ND		ND	
Bromomethane	5	ND	ND		ND	
Carbon disulfide			ND		ND	
Carbon tetrachloride	5	ND	ND		ND	
Chlorobenzene	5	ND	ND		ND	
Chloroethane	5	ND	ND		ND	
Chloroform	7	ND	ND		ND	
Chloromethane		ND	ND		ND	
cis-1,2-Dichloroethene	5	***12***	***13***		***160***	
cis-1,3-Dichloropropene	0.4	ND	ND		ND	
Cyclohexane			ND		ND	
Dibromochloromethane			ND		ND	
Dichlorodifluoromethane	5		ND		ND	
Ethylbenzene	5	ND	ND		ND	
Isoproylbenzene	5		ND		ND	
Methyl acetate			ND		ND	
Methyl tert-butyl ether	10		ND		ND	
Methylcyclohexane			ND		ND	

Methylene chloride	5	ND	ND		ND	
Styrene	5	ND	ND		ND	
Tetrachloroethene	5	ND	***3.4 J***		***13***	
Toluene	5	ND	ND		ND	
trans-1,2-Dichloroethene	5	ND	ND		ND	
trans-1,3-Dichloropropene	0.4	ND	ND		ND	
Trichloroethene	***5***	***290***	***150***		***1300***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2	ND	ND		ND	
Xylenes, Total	5	ND	ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2ndQTR**	**3rdQTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	132	2,000		2,000	
Manganese (EPA Method 6010B)			220		330	
Nitrate as N (EPA Method 9056)	10,000	10,400	4,200		2,900	
Chemical Oxygen Demand (EPA Method 410.4)		4,300	9.400 J		21,500	
Total Organic Carbon (EPA Method 9060A)		ND	690 J		450 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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5		ND		***9.6***	
1,1,2,2-Tetrachloroethane	5		ND		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND		2.6 J	
1,1,2-Trichloroethane	1		ND		ND	
1,1-Dichloroethane	5		ND		4.0	
1,1-Dichloroethene	5		ND		***7.3***	
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		4.4		***540***	
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		ND		ND	
Styrene	5		ND		ND	
Tetrachloroethene	5		ND		***5.0***	
Toluene	5		ND		ND	
trans-1,2-Dichloroethene	5		ND		***5.1***	
trans-1,3-Dichloropropene	0.4		ND		ND	
Trichloroethene	***5***		***110***		***4600***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2		ND		ND	
Xylenes, Total	5		ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300		1,400		2,500	
Manganese (EPA Method 6010B)			340		1,900	
Nitrate as N (EPA Method 9056)	10,000		67		900	
Chemical Oxygen Demand (EPA Method 410.4)			20,700		25,300	
Total Organic Carbon (EPA Method 9060A)			5,500		1,100	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
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		2.8		1.5	
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		ND		ND	
Styrene	5		ND		ND	
Tetrachloroethene	5		NDJ		ND	
Toluene	5		ND		ND	
trans-1,2-Dichloroethene	5		ND		ND	
trans-1,3-Dichloropropene	0.4		ND		ND	
Trichloroethene	5		***23***		***11***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2		ND		ND	
Xylenes, Total	5		ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1STQTR** 3/31/20	**2ndQTR**	**3rdQTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300		1,000		2,000	
Manganese (EPA Method 6010B)			1,200		5,900	
Nitrate as N (EPA Method 9056)	10,000		5.100		4,200	
Chemical Oxygen Demand (EPA Method 410.4)			14,900		38,900	
Total Organic Carbon (EPA Method 9060A)			760 J		920 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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	ND		ND	
1,1,2,2-Tetrachloroethane	5	ND	ND		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND		ND	
1,1,2-Trichloroethane	1	ND	ND		ND	
1,1-Dichloroethane	5	ND	ND		ND	
1,1-Dichloroethene	5	ND	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		ND	
1,2 -Dichloropropane	1	ND	ND		ND	
1,3-Dichlorobenzene	3		ND		ND	
1,4-Dichlorobenzene	3		ND		ND	
2-Butanone (MEK))	50	ND	ND		ND	
2-Hexanone			ND		ND	
4-Methyl-2-pentanone (MIBK)		ND	ND		ND	
Acetone	50	ND	ND		ND	
Benzene	1	ND	ND		ND	
Bromodichloromethane	50	ND	ND		ND	
Bromoform	50	ND	ND		ND	
Bromomethane	5	ND	ND		ND	
Carbon disulfide			ND		ND	
Carbon tetrachloride	5		ND		ND	
Chlorobenzene	5	ND	ND		ND	
Chloroethane	5	ND	ND		ND	
Chloroform	7	ND	ND		ND	
Chloromethane		ND	ND		ND	
cis-1,2-Dichloroethene	5	***210***	***31***		ND	
Cis-1,3-Dichloropropene	0.4	ND	ND		ND	
Cyclohexane			ND		ND	
Dibromochloromethane			ND		ND	
Dichlorodifluoromethane	5		ND		ND	
Ethylbenzene	5	ND	ND		ND	
Isoproylbenzene	5		ND		ND	
Methyl acetate			ND		ND	

Methyl tert-butyl ether	10		ND		ND	
Methylcyclohexane			ND		ND	
Methylene chloride	5	39 J	ND		ND	
Styrene	5	ND	ND		ND	
Tetrachloroethene	5	ND	ND		ND	
Toluene	5	ND	ND		ND	
trans-1,2-Dichloroethene	5	ND	ND		ND	
trans-1,3-Dichloropropene	0.4	ND	ND		ND	
Trichloroethene	***5***	***3,900***	***160***		***18***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2	ND	ND		ND	
Xylenes, Total	5	ND	ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/20	**2nd QTR** 9/23/20	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,610	1,500	940		
Manganese (EPA Method 6010B)			150	110		
Nitrate as N (EPA Method 9056)	10,000	440	380	3,700		
Chemical Oxygen Demand (EPA Method 410.4)		5,800	15,200	23.400		
Total Organic Carbon (EPA Method 9060A)		ND	1,200	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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/90	
1,1,1-Trichloroethane	5	ND	ND		ND	
1,1,2,2-Tetrachloroethane	5		ND		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	ND		ND	
1,1,2-Trichloroethane	1	ND	ND		ND	
1,1-Dichloroethane	5	ND	ND		ND	
1,1-Dichloroethene	5	ND	ND		0.68 J	
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		ND	
1,2 -Dichloropropane	1	ND	ND		ND	
1,3-Dichlorobenzene	3		ND		ND	
1,4-Dichlorobenzene	3		ND		ND	
2-Butanone (MEK))	50	ND	ND		ND	
2-Hexanone			ND		ND	
4-Methyl-2-pentanone (MIBK)		110	ND		ND	
Acetone	50	ND	ND		ND	
Benzene	1	ND	ND		ND	
Bromodichloromethane	50	ND	ND		ND	
Bromoform	50	ND	ND		ND	
Bromomethane	5	ND	ND		ND	
Carbon disulfide			ND		ND	
Carbon tetrachloride	5	ND	ND		ND	
Chlorobenzene	5	ND	ND		ND	
Chloroethane	5	ND	ND		ND	
Chloroform	7	ND	ND		ND	
Chloromethane		ND	ND		ND	
cis-1,2-Dichloroethene	5	***370***	***2.9***		***92***	
Cis-1,3-Dichloropropene	0.4	ND	ND		ND	
Cyclohexane			ND		ND	
Dibromochloromethane			ND		ND	
Dichlorodifluoromethane	5		ND		ND	
Ethylbenzene	5	ND	ND		ND	
Isoproylbenzene	5		ND		ND	
Methyl acetate			ND		ND	
Methyl tert-butyl ether	10		ND		ND	
Methylcyclohexane			ND		ND	

Methylene chloride	5	110 J	ND		ND	
Styrene	5	ND	ND		ND	
Tetrachloroethene	5	ND	ND		0.59 J	
Toluene	5	ND	ND		ND	
trans-1,2-Dichloroethene	5	ND	ND		3.0	
trans-1,3-Dichloropropene	0.4	ND	ND		ND	
Trichloroethene	5	***6,000***	***30***		***460***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2	ND	ND		1.0	
Xylenes, Total	5	ND	ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/20	**2nd QTR**	**3rd QTR** 0/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	4,870	300		6,200	
Manganese (EPA Method 6010B)	300	473	50		670	
Nitrate as N (EPA Method 9056)	10,000	750	1,700		ND	
Chemical Oxygen Demand (EPA Method 410.4)		7,100	12,700		65,100	
Total Organic Carbon (EPA Method 9060A)		ND	1,100		1,700	

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 MW05-10**		**2020 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	NS		NS	
1,1,2,2-Tetrachloroethane	5	ND	NS		NS	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS		NS	
1,1,2-Trichloroethane	1	***180***	NS		NS	
1,1-Dichloroethane	5	ND	NS		NS	
1,1-Dichloroethene	5	***35***	NS		NS	
1,2, 4-Trichlorobenzene	5	ND	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	0.06	ND	NS		NS	
1,2 -Dichloropropane	1		NS		NS	
1,3 Dichlorobenzene	3		NS		NS	
1,4-Dichlorobenzene	3		NS		NS	
2-Butanone (MEK))	50	1.4 J	NS		NS	
2-Hexanone			NS		NS	
4-Methyl-2-pentanone (MIBK)			NS		NS	
Acetone	50	6.3 J	NS		NS	
Benzene	1		NS		NS	
Bromodichloromethane	50	ND	NS		NS	
Bromoform	50	ND	NS		NS	
Bromomethane	5		NS		NS	
Carbon disulfide			NS		NS	
Carbon tetrachloride	5	ND	NS		NS	
Chlorobenzene	5		NS		NS	
Chloroethane	5		NS		NS	
Chloroform	7	ND	NS		NS	
Chloromethane			NS		NS	
cis-1,2-Dichloroethene	**5**	***35***	NS		NS	
cis-1,3-Dichloropropene	0.4	ND	NS		NS	
Cyclohexane			NS		NS	
Dibromochloromethane			NS		NS	
Dichlorodifluoromethane	5	ND	NS		NS	
Ethylbenzene	5	ND	NS		NS	
Isoproylbenzene	5		NS		NS	
Methyl acetate			NS		NS	
Methyl tert-butyl ether	10		NS		NS	
Methylcyclohexane			NS		NS	

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

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	*3630*	NS		NS	
Manganese (EPA Method 6010B)			NS		NS	
Nitrate as N (EPA Method 9056)	10,000	3,000	NS		NS	
Chemical Oxygen Demand (EPA Method 410.4)	NS	8,100J	NS		NS	
Total Organic Carbon (EPA Method 9060A)	NS	1,800	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**		**2020 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
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	0.06		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		ND	
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		3.3	
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		***8.6***	
Toluene	5		NS		ND	
trans-1,2-Dichloroethene	5		NS		ND	
Trans-1,3-Dichloropropene	0.4		NS		ND	
Trichloroethene	5		NS		***26***	
Trichlorofluoromethane	5		NS		ND	
Vinyl chloride	2		NS		ND	
Xylenes, Total	5		NS		ND	

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2ndQTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300		NS		1,200	
Manganese (EPA Method 6010B)			NS		1,200	
Nitrate as N (EPA Method 9056)	10,000		NS		98,200	
Chemical Oxygen Demand (EPA Method 410.4)	NS		NS		29,100	
Total Organic Carbon (EPA Method 9060A)	NS		NS		6,100	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	NS		ND	
1,1,2,2-Tetrachloroethane	5	ND	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5		NS		ND	
1,1,2-Trichloroethane	1	ND	NS		ND	
1,1-Dichloroethane	5	ND	NS		ND	
1,1-Dichloroethene	5	ND	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	ND	NS		ND	
1,2 -Dichloropropane	1	ND	NS		ND	
1,3-Dichlorobenzene	3		NS		ND	
1,4-Dichlorobenzene	3		NS		ND	
2-Butanone (MEK))	50	ND	NS		ND	
2-Hexanone			NS		ND	
4-Methyl-2-pentanone (MIBK)	ND	ND	NS		ND	
Acetone	50	ND	NS		ND	
Benzene	1	ND	NS		ND	
Bromodichloromethane	50	ND	NS		ND	
Bromoform	50	ND	NS		ND	
Bromomethane	5	ND	NS		ND	
Carbon disulfide			NS		ND	
Carbon tetrachloride	5	ND	NS		ND	
Chlorobenzene	5	ND	NS		ND	
Chloroethane	5	ND	NS		ND	
Chloroform	7	ND	NS		ND	
Chloromethane		ND	NS		ND	
cis-1,2-Dichloroethene	5	***12***	NS		ND	
cis-1,3-Dichloropropene	0.4	ND	NS		ND	
Cyclohexane			NS		ND	
Dibromochloromethane			NS		ND	
Dichlorodifluoromethane	5		NS		ND	
Ethylbenzene	5	ND	NS		ND	
Isoproylbenzene	5		NS		ND	
Methyl acetate			NS		ND	
Methyl tert-butyl ether	10		NS		ND	
Methylcyclohexane			NS		ND	

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4thQTR**
Iron (EPA Method 6010B)	300	1,610	NS		2,400	
Manganese (EPA Method 6010B)			NS		160	
Nitrate as N (EPA Method 9056)	10,000	440	NS		2,900	
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,800	NS		33,200	
Total Organic Carbon (EPA Method 9060A)	NS	ND	NS		970 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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	NS		ND	
1,1,2,2-Tetrachloroethane	5	ND	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS		ND	
1,1,2-Trichloroethane	1	ND	NS		ND	
1,1-Dichloroethane	5	ND	NS		ND	
1,1-Dichloroethene	5	ND	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	ND	NS		ND	
1,2 -Dichloropropane	1	ND	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)		ND	NS		ND	
Acetone	50	ND	NS		ND	
Benzene	1	ND	NS		ND	
Bromodichloromethane	50	ND	NS		ND	
Bromoform	50	ND	NS		ND	
Bromomethane	5	ND	NS		ND	
Carbon disulfide			NS		ND	
Carbon tetrachloride	5	ND	NS		ND	
Chlorobenzene	5	ND	NS		ND	
Chloroethane	5	ND	NS		ND	
Chloroform	7	ND	NS		ND	
Chloromethane			NS		ND	
cis-1,2-Dichloroethene	5	***8***	NS		***23***	
Cis-1,3-Dichloropropene	0.4	ND	NS		ND	
Cyclohexane			NS		ND	
Dibromochloromethane			NS		ND	
Dichlorodifluoromethane	5		NS		ND	
Ethylbenzene	5	ND	NS		ND	
Isoproylbenzene	5		NS		ND	
Methyl acetate			NS		ND	
Methyl tert-butyl ether	10		NS		ND	
Methylcyclohexane			NS		ND	

Methylene chloride	5	ND	NS		ND	
Styrene	5	ND	NS		ND	
Tetrachloroethene	5	ND	NS		ND	
Toluene	5	ND	NS		ND	
trans-1,2-Dichloroethene	5	ND	NS		ND	
trans-1,3-Dichloropropene	0.4	ND	NS		ND	
Trichloroethene	***5***	***49***	NS		***35***	
Trichlorofluoromethane	5		NS		ND	
Vinyl chloride	2	ND	NS		ND	
Xylenes, Total	5	ND	NS		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	38,700	NS		9,900	
Manganese (EPA Method 6010B)			NS		770	
Nitrate as N (EPA Method 9056)	10,000	94	NS		120	
Chemical Oxygen Demand (EPA Method 410.4)		3,900	NS		31,100	
Total Organic Carbon (EPA Method 9060A)	NS	ND	NS		510 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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	**5**	ND	ND		***5.8***	
1,1,2,2-Tetrachloroethane	5	ND	ND		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND		ND	
1,1,2-Trichloroethane	1	ND	ND		ND	
1,1-Dichloroethane	5	ND	ND		ND	
1,1-Dichloroethene	5	ND	ND		***5.5***	
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	0.06	ND	ND		ND	
1,2 -Dichloropropane	1	ND	ND		ND	
1,3-Dichlorobenzene	3		ND		ND	
1,4-Dichlorobenzene	3		ND		ND	
2-Butanone (MEK))	50	ND	ND		ND	
2-Hexanone			ND		ND	
4-Methyl-2-pentanone (MIBK)		ND	ND		ND	
Acetone	50	ND	ND		ND	
Benzene	1	ND	ND		ND	
Bromodichloromethane	50	ND	ND		ND	
Bromoform	50	ND	ND		ND	
Bromomethane	5	ND	ND		ND	
Carbon disulfide			ND		ND	
Carbon tetrachloride	5	ND	ND		ND	
Chlorobenzene	5	ND	ND		ND	
Chloroethane	5	ND	ND		ND	
Chloroform	7	ND	ND		ND	
Chloromethane		ND	ND		ND	
cis-1,2-Dichloroethene	***5***	***470***	***10***		***1000***	
Cis-1,3-Dichloropropene	0.4	ND	ND		ND	
Cyclohexane			ND		ND	
Dibromochloromethane			ND		ND	
Dichlorodifluoromethane	5		ND		ND	
Ethylbenzene	5	ND	ND		ND	
Isoproylbenzene	5		ND		ND	
Methyl acetate			ND		ND	
Methyl tert-butyl ether	10		ND		ND	
Methylcyclohexane			ND		ND	

Methylene chloride	5	*I70 J*	ND		ND	
Styrene	5	ND	ND		ND	
Tetrachloroethene	***5***	***34***	***4.4 J***		4.7 J	
Toluene	5	ND	ND		ND	
trans-1,2-Dichloroethene	5	ND	ND		ND	
trans-1,3-Dichloropropene	0.4		ND		ND	
Trichloroethene	***5***	***2700***	***250***		***3,200***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2	ND	ND		***13***	
Xylenes, Total	5	ND	ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	751	770		16,500	
Manganese (EPA Method 6010B)			48		2,600	
Nitrate as N (EPA Method 9056)	10,000	1,900	10,200		41,000	
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,600J	10,100		53,400	
Total Organic Carbon (EPA Method)	NS	ND	1,300		1,300	

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 OW1-4**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	***15***		ND	
1,1,2,2-Tetrachloroethane	5	ND	ND		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5		***9.6***		ND	
1,1,2-Trichloroethane	1		ND		ND	
1,1-Dichloroethane	5	ND	***32***		ND	
1,1-Dichloroethene	5	ND	***72***		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	0.06	ND	ND		ND	
1,2 -Dichloropropane	1	ND	ND		ND	
1,3-Dichlorobenzene	3		ND		ND	
1,4-Dichlorobenzene	3		ND		ND	
2-Butanone (MEK))	50	ND	ND		ND	
2-Hexanone			ND		ND	
4-Methyl-2-pentanone (MIBK)		ND	ND		ND	
Acetone	50	ND	ND		ND	
Benzene	1	ND	ND		ND	
Bromodichloromethane	50	ND	ND		ND	
Bromoform	50	ND	ND		ND	
Bromomethane	5	ND	ND		ND	
Carbon disulfide			ND		ND	
Carbon tetrachloride	5	ND	ND		ND	
Chlorobenzene	5	ND	ND		ND	
Chloroethane	5	ND	ND		ND	
Chloroform	7	ND	ND		ND	
Chloromethane		ND	ND		ND	
cis-1,2-Dichloroethene	5	***13 J***	***5400***		***100***	
cis-1,3-Dichloropropene	0.4		ND		ND	
Cyclohexane			ND		ND	
Dibromochloromethane			ND		ND	
Dichlorodifluoromethane	5		ND		ND	
Ethylbenzene	5	ND	ND		ND	
Isoproylbenzene	5		ND		ND	
Methyl acetate			ND		ND	
Methyl tert-butyl ether	10		ND		ND	
Methylcyclohexane			ND		ND	

Methylene chloride	5	*12 J*	1.9 J		***26 J***	
Styrene	5	ND	ND		ND	
Tetrachloroethene	5	ND	***14***		ND	
Toluene	5	ND	ND		ND	
trans-1,2-Dichloroethene	5	ND	***28***		ND	
trans-1,3-Dichloropropene	0.4	ND	ND		ND	
Trichloroethene	***5***	***320***	***61000***		***2000***	
Trichlorofluoromethane	5		ND		ND	
Vinyl chloride	2	ND	5.9		ND	
Xylenes, Total	5	ND	ND		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	209 J	450		2,100	
Manganese (EPA Method 6010B)			200		230	
Nitrate as N (EPA Method 9056)	10,000	3,000	880		12,800	
Chemical Oxygen Demand (EPA Method 410.4)		ND	28,800		105,000	
Total Organic Carbon (EPA Method 9060A)	NS	ND	1,200		2,200	

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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20		9/23/20	
1,1,1-Trichloroethane	5	ND	NS		ND	
1,1,2,2-Tetrachloroethane	5	ND	NS		ND	
1,1,2-Trichloro-1,2,2 trifluoroethane	5	ND	NS		ND	
1,1,2-Trichloroethane	1	ND	NS		ND	
1,1-Dichloroethane	5	ND	NS		ND	
1,1-Dichloroethene	5	ND	NS		ND	
1,2, 4-Trichlorobenzene	5	ND	NS		ND	
1,2-Dibromo-3-Chloropropane	0.04	ND	NS		ND	
1,2-Dibromoethane		ND	NS		ND	
1,2-Dichlorobenzene	3	ND	NS		ND	
1,2-Dichloroethane	0.6	ND	NS		ND	
1,2 -Dichloropropane	1	ND	NS		ND	
1,3-Dichlorobenzene	3	ND	NS		ND	
1,4-Dichlorobenzene	3	ND	NS		ND	
2-Butanone (MEK))	50	ND	NS		ND	
2-Hexanone		ND	NS		ND	
4-Methyl-2-pentanone (MIBK)		ND	NS		ND	
Acetone	50	ND	NS		ND	
Benzene	1	ND	NS		ND	
Bromodichloromethane	50	ND	NS		ND	
Bromoform	50	ND	NS		ND	
Bromomethane	5	ND	NS		ND	
Carbon disulfide		ND	NS		ND	
Carbon tetrachloride	5	ND	NS		ND	
Chlorobenzene	5	ND	NS		ND	
Chloroethane	5	ND	NS		ND	
Chloroform	7	ND	NS		ND	
Chloromethane		ND	NS		ND	
cis-1,2-Dichloroethene	5	***140***	NS		ND	
Cis-1,3-Dichloropropene	0.4	ND	NS		ND	
Cyclohexane		ND	NS		ND	
Dibromochloromethane		ND	NS		ND	
Dichlorodifluoromethane	5	ND	NS		ND	
Ethylbenzene	5	ND	NS		ND	
Isoproylbenzene	5	ND	NS		ND	
Methyl acetate		ND	NS		ND	
Methyl tert-butyl ether	10	ND	NS		ND	
Methylcyclohexane		ND	NS		ND	

Methylene chloride	5	20 JB	NS		ND	
Styrene	5	ND	NS		ND	
Tetrachloroethene	5	ND	NS		ND	
Toluene	5	ND	NS		ND	
trans-1,2-Dichloroethene	5	ND	NS		ND	
trans-1,3-Dichloropropene	0.4	ND	NS		ND	
Trichloroethene	5	***1200***	NS		***5.4***	
Trichlorofluoromethane	5	ND	NS		ND	
Vinyl chloride	2	ND	NS		ND	
Xylenes, Total	5	ND	NS		ND	

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR** 9/23/20	**4th QTR**
Iron (EPA Method 6010B)	300	239,000	NS		13,800	
Manganese (EPA Method 6010B)		3,640	NS		2,900	
Nitrate as N (EPA Method 9056)	10,000	210	NS		2,100	
Chemical Oxygen Demand (EPA Method 410.4)		193,000	NS		20,700	
Total Organic Carbon (EPA Method 9060A)		ND	NS		1,000	

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:** BR07-31

Field Personnel: DK / RE / AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 9-22-20 1040 Purge
9-23-20 1215 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 20.00
Water Depth (from top of PVC) 10.54
Length of water Column 9.46
Purge Volume: LWC x 0.17 x 3= 4.8246 **Volume Purged** 5 Gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1215	7.27	7.00	3424	12.4	120.9	7.45

INSTRUMENT CHECK DATA:

Salinity = 1.40 PPT

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: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** DK / RE / AP **Company:** EUROFINS TA

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FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR08-33

Field Personnel: TDC/RE/AP **Sample Matrix:** GW

SAMPLING INFORMATION: 9-22-20 1200 Purge

Date/Time 9-23-20 1320 Sample.

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

Diameter of Well 2"
Well Depth (from top of PVC) 43.00
Water Depth (from top of PVC) 11.70
Length of water Column 31.30
Purge Volume: LWC x 0.17 x 3= 15.963 **Volume Purged** 5.5 gallon *

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1320	5.94	7.02	5806	3.15	61.6	8.32

INSTRUMENT CHECK DATA:

See page 1

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

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: Sunny 50's.

COMMENTS AND OBSERVATIONS: * Bailer dry @ 5.5 gallons and let recharge overnight.

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

Date: 9/23/2020 **By:** TDC/RE/AP **Company:** Eurofins TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR08-34

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1720 purge
9-23-20 1305 sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 43.00
Water Depth (from top of PVC) 12.82
Length of water Column 30.18
Purge Volume: LWC x 0.17 x 3= 15.3918

Volume Purged 5 gallons *

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1305	6.80	7.24	6004	4.16	169.5	8.39

Salinity = 2.39

INSTRUMENT CHECK DATA:

See page 1

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

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: Sunny 50's

COMMENTS AND OBSERVATIONS: *went dry @ 5 gallons, let recharge overnight.

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

Date: 9/23/2020 **By:** TDK / RE / AP **Company:** Eurofins TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BROB-35

Field Personnel: TDC / RE / AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 9-22-20 1125 purge
9-23-20 1135 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 32.00
Water Depth (from top of PVC) 11.72
Length of water Column 20.28
Purge Volume: LWC x 0.17 x 3= 10.3428 **Volume Purged** 4 gallons *

Methane Reading _____

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1135	5.72	7.23	4172	29.7	88.2	5.71

INSTRUMENT CHECK DATA: Salinity = 2.1

See page 1

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

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: Sunny 50's

COMMENTS AND OBSERVATIONS: * went dry @ 4 gallons, left recharge overnight.

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

Date: 9/23/2020 **By:** TDC / RE / AP **Company:** EUROFINS TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BRO9-37

Field Personnel: TDIC/RE/AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 9-22-20 1100 Purge
9-23-20 1245 Sample

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

Diameter of Well	2"
Well Depth (from top of PVC)	24.50
Water Depth (from top of PVC)	21.88
Length of water Column	2.62
Purge Volume: LWC x 0.17 x 3=	1.3362

Volume Purged 2 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1245	6.77	7.27	2494	45.9 *	151.1	7.58

INSTRUMENT CHECK DATA: Salinity = 1.2

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

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

See page 1

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

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 50'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: 9/23/2020 **By:** TDIC/RE/AP **Company:** Eurofins TM

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BP09-39

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1115 Purge
9-23-20 / 1255 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 32.00
Water Depth (from top of PVC) 21.46
Length of water Column 10.54
Purge Volume: LWC x 0.17 x 3= 5.3754 **Volume Purged** 5.5 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1255	8.78	7.25	2282	10.85	164.5	5.86

INSTRUMENT CHECK DATA:

Salinity = 0.9

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

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

See page 1

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK/RE/AP **Company:** Eurofins TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR10-416

Field Personnel: TDC / RE / AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 9-22-20 1045 Purge
9-23-20 1145 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 27.80
Water Depth (from top of PVC) 15.90
Length of water Column 11.90
Purge Volume: LWC x 0.17 x 3= 6.069 **Volume Purged** 6 Gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1145.	8.63	6.91	4041	31.6	74.0	5.39

INSTRUMENT CHECK DATA: Salinity = 2.1

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: Sunny 50's.

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDC / RE / AP **Company:** Eurofins TM

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FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR10-47

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1000 Purge.
9-23-20 1205 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 28.00
Water Depth (from top of PVC) 15.81
Length of water Column 12.19
Purge Volume: LWC x 0.17 x 3= 6.2169 **Volume Purged** 6.50 Gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1205	9.19	7.24	1698	18.9	110.9	4.90

INSTRUMENT CHECK DATA:

Salinity = 0.73

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: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK/RE/AP **Company:** Eurofins TA

(9)

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1400 Purge
9-23-20 1030 Sample

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

Diameter of Well 4"
Well Depth (from top of PVC) 35.80
Water Depth (from top of PVC) 22.83
Length of water Column 12.97
Purge Volume: LWC x ~~0.17~~ 0.66 x 3= 25.6806 **Volume Purged** 26 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1030	5.35	7.18	2872	16.1	112.8	8.45

Salinity PPT 1.30

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: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK/RE/AP **Company:** EUROFINS TA

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FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** IW2-3

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1330 Purge
9-23-20 1015 Sample

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

Diameter of Well 4"
Well Depth (from top of PVC) 35.61
Water Depth (from top of PVC) 19.12
Length of water Column 16.49
Purge Volume: LWC x 0.17 x 3= 32.6502 **Volume Purged** 33 gallons.
0.66 x 3 =
Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1015	15.30	6.94	4548	17.4	95.2	5.45	0.80

INSTRUMENT CHECK DATA: Lamotte 2020 Turbidity meter

Turbidity 0.0 Serial #: 15330172 EXP – 1-20-21
Turbidity 1.0 Serial #: 18262693D EXP – 2-21
Turbidity 10.0 Serial #: 1921 0071 EXP – 12-20

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

YSI Rented + Calibrated by Pine ENV.

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK/RE/AP **Company:** Eurofins TA

(1)

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW05-21

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1055 Purge
9-23-20 1220 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 12.00
Water Depth (from top of PVC) 6.73
Length of water Column 5.27
Purge Volume: LWC x 0.17 x 3= 2.6877 **Volume Purged** 3 Gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1220	7.42	6.98	2870	16.6	131.9	5.45

INSTRUMENT CHECK DATA:

Salinity = 1.1 PPT

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: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK / RE / AP **Company:** Eurofins TA

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FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OBOS-36

Field Personnel: TDL / RE / AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 9-22-20 1315 Purge
9-23-20 1100 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 34.70
Water Depth (from top of PVC) 17.33
Length of water Column 17.37
Purge Volume: LWC x 0.17 x 3= 8.8587 **Volume Purged** 9 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1100	6.06	7.16	4034	32.2	50.8	5.22

INSTRUMENT CHECK DATA: Salinity = 2.1

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: Sunny 50's

COMMENTS AND OBSERVATIONS: Purge water turbid

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

Date: 9/23/2020 **By:** TDL / RE / AP **Company:** Euto Fins TM

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OB09-38

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1355 Purge
9-23-20 1125 Sample.

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

Diameter of Well 2"
Well Depth (from top of PVC) 33.20
Water Depth (from top of PVC) 19.40
Length of water Column 13.80
Purge Volume: LWC x 0.17 x 3= 7.038 **Volume Purged** 7 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1125	6.77	6.93	2952	713*	102.8	5.08

INSTRUMENT CHECK DATA: Salinity = 2.0

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: Sunny 50°

COMMENTS AND OBSERVATIONS: * Collect dissolved metals

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

Date: 9/28/2020 **By:** TOL/RE/AP **Company:** EUROFINS TA

(5)

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OW1-1

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1045 Purge
9-23-20 1150 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 23.40
Water Depth (from top of PVC) 19.23
Length of water Column 4.17
Purge Volume: LWC x 0.17 x 3= 2.1267 **Volume Purged** 2 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1150	6.98	7.04	3679	8.10	103.1	8.51

INSTRUMENT CHECK DATA:

Salinity = 1.51 ppt

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: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK/RE/AP **Company:** Fuss & M

(8)

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OW1-4

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

SAMPLING INFORMATION:

Date/Time 9-22-20 1145 Purge
9-23-2021 1235 Sample

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

Diameter of Well 2"
Well Depth (from top of PVC) 28.00
Water Depth (from top of PVC) 22.58
Length of water Column 5.42
Purge Volume: LWC x 0.17 x 3= 2.7642 **Volume Purged** 3 Gallons

Methane Reading N.A.

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1235	8.98	7.05	1648	18.4	137.2	7.38

INSTRUMENT CHECK DATA: Salinity = 0.7

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

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

See page 1

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 50's

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK / RE / AP **Company:** EUROFINS TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** Ow2-2

Field Personnel: TDIC/RE/AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 9-22-20 1320 Purge
9-23-20 1115 Sample

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

Diameter of Well	2"
Well Depth (from top of PVC)	33.00
Water Depth (from top of PVC)	19.14
Length of water Column	13.86
Purge Volume: LWC x 0.17 x 3=	7.0686

Volume Purged 7 gallon

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1115	6.95	7.13	2941	741 *	80	5.17

INSTRUMENT CHECK DATA: Salinity 2.0

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: Sunny 50'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: 9/23/2020 **By:** TDIC/RE/AP **Company:** Eurofins TA

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR07-32

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

SAMPLING INFORMATION:

Date/Time /

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

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= **Volume Purged**

Methane Reading

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)

INSTRUMENT CHECK DATA:

well dry
No Sampled

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

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:

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDK / RE / AP **Company:** Euro Fins TA

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FIELD OBSERVATIONS

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

Field Personnel: TDL/RE/AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time /

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

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= **Volume Purged**

Methane Reading

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)

INSTRUMENT CHECK DATA:

Well dry
NO Samples

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

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:

COMMENTS AND OBSERVATIONS:

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

Date: 9/23/2020 **By:** TDL/RE/AP **Company:** Eurofins TA

FIELD OBSERVATIONS

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

Field Personnel: TDC / RE / AP **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time /

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

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= **Volume Purged**

Methane Reading

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)

INSTRUMENT CHECK DATA:

Well dry
NO Samples

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

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:

COMMENTS AND OBSERVATIONS:

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

Date: 9/28/2020 **By:** TDC / RE / AP **Company:** Ensafe Inc

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