DW Stoner & Associates, LLC

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August 8, 2018

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

Re: Quarterly Monitoring for Brownfield Site #C734102

Dear Mr. Belveg,

The purpose of this letter report is to submit the results of the first quarter 2018 groundwater monitoring at the Pass and Seymour site located at 50 Boyd Ave, Solvay NY. The monitoring was completed in conformance with the approved Site Management Plan (SMP) for this site, which was issued a Certificate of Completion on December 16, 2010.

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

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

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

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

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

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

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

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

Monitoring was conducted in accordance with the Field Sampling Plan included in the approved SMP and as modified per a May 15, 2018 letter from Michael Belveg. Sampling was completed on March 30, 2018. The Groundwater Field Sampling logs are included as Attachment A. The following were noteworthy observations or actions taken during sampling:

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

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

Groundwater Monitoring Results:

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

A workplan for targeted removal of soil in AOC-1 has been submitted to NYSDEC and NYSDOH and has been approved. This work is tentatively scheduled for the week of September 10, 2018. DEC and DOH will be notified as soon as this date has been confirmed.

Please contact me if you have any questions.

Very Truly Yours,

David W. Stoner, P.G.
President

Legend:

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

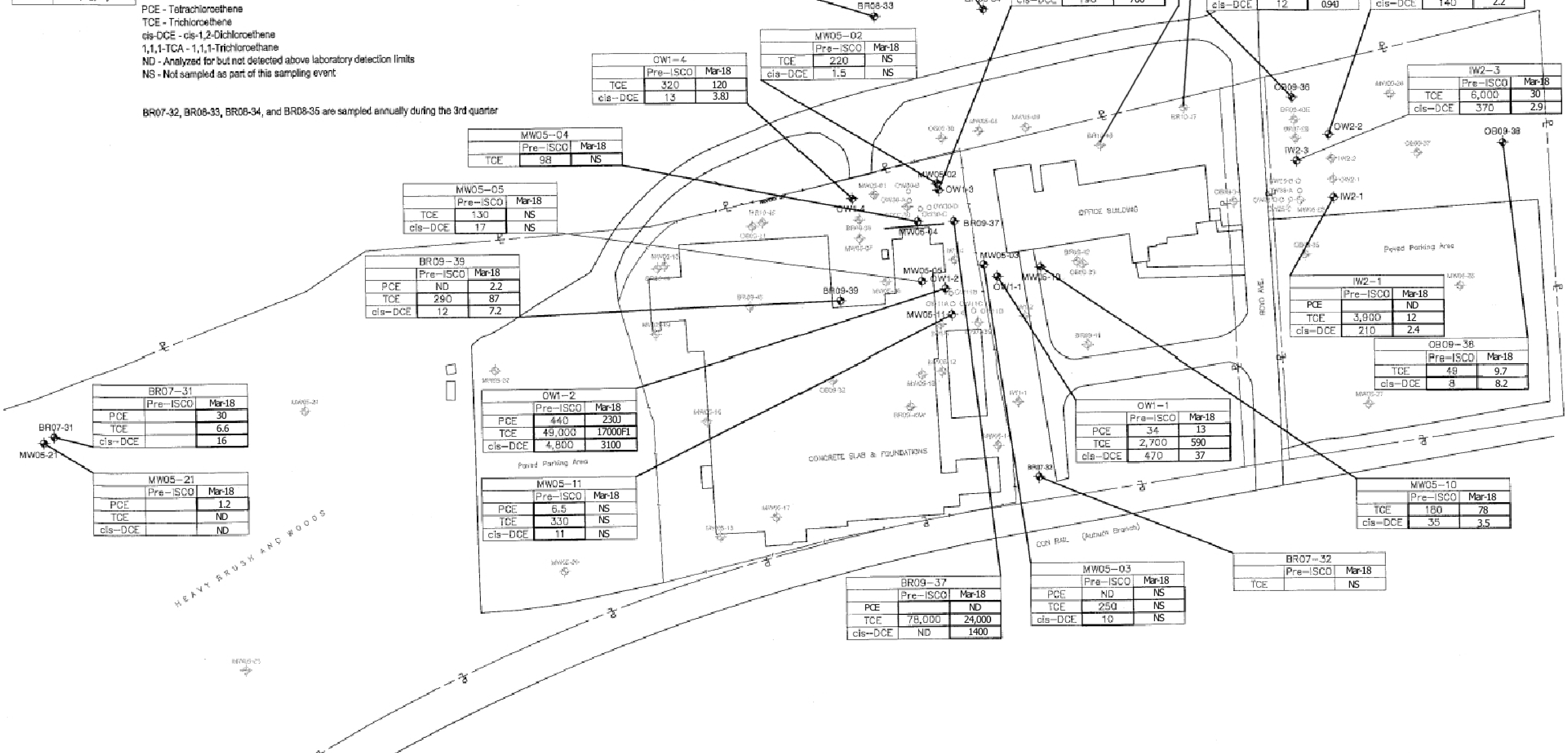
Location and Identification of monitoring well not sampled as part of post-ISCO monitoring

Sample ID	
	Date Sampled
Analyte	Concentration (ug/L)

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

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

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



BR10-46	Pre-ISCO	Mar-18
PCE	ND	ND
TCE	9500	200
cis-DCE	560	45

BR10-47	Pre-ISCO	Mar-18
PCE	ND	ND
TCE	6500	63
cis-DCE	290	12

BR08-35	Pre-ISCO	Mar-18
CVOCs		ND

BR08-34	Pre-ISCO	Mar-18
CVOCs		NS

BR08-33	Pre-ISCO	Mar-18
CVOCs		NS

OW1-3	Pre-ISCO	Mar-18
PCE		ND
TCE	2,700	9,400
cis-DCE	190	700

OB09-36	Pre-ISCO	Mar-18
TCE	140	19
cis-DCE	12	0.940

OW2-2	Pre-ISCO	Mar-18
TCE	1,200	21
cis-DCE	140	2.2

MW05-02	Pre-ISCO	Mar-18
TCE	220	NS
cis-DCE	1.5	NS

OW1-4	Pre-ISCO	Mar-18
TCE	320	120
cis-DCE	13	3.8J

IW2-3	Pre-ISCO	Mar-18
TCE	6,000	30
cis-DCE	370	2.9

MW05-04	Pre-ISCO	Mar-18
TCE	98	NS

MW05-05	Pre-ISCO	Mar-18
TCE	130	NS
cis-DCE	17	NS

BR09-39	Pre-ISCO	Mar-18
PCE	ND	2.2
TCE	290	87
cis-DCE	12	7.2

IW2-1	Pre-ISCO	Mar-18
PCE		ND
TCE	3,900	12
cis-DCE	210	2.4

OB09-38	Pre-ISCO	Mar-18
TCE	49	9.7
cis-DCE	8	8.2

BR07-31	Pre-ISCO	Mar-18
PCE		30
TCE		6.6
cis-DCE		16

OW1-2	Pre-ISCO	Mar-18
PCE	440	230J
TCE	49,000	17000F1
cis-DCE	4,800	3100

OW1-1	Pre-ISCO	Mar-18
PCE	34	13
TCE	2,700	590
cis-DCE	470	37

MW05-21	Pre-ISCO	Mar-18
PCE		1.2
TCE		ND
cis-DCE		ND

MW05-11	Pre-ISCO	Mar-18
PCE	6.5	NS
TCE	330	NS
cis-DCE	11	NS

MW05-10	Pre-ISCO	Mar-18
TCE	180	78
cis-DCE	35	3.5

BR07-32	Pre-ISCO	Mar-18
TCE		NS

MW05-03	Pre-ISCO	Mar-18
PCE	ND	NS
TCE	250	NS
cis-DCE	10	NS

BR09-37	Pre-ISCO	Mar-18
PCE		ND
TCE	78,000	24,000
cis-DCE	ND	1400

SCALE IN FEET
27.5 0 55 110

SURVEY NOTE
BASED ON A FIGURE PREPARED BY S&W REDEVELOPMENT OF NORTH AMERICA, DECEMBER 2011
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HANNIG, L.S. 47491, LAST REVISED BY HANNIG 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: 06/04/2018 JOB No:1226

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/iem
J:\PROJECTS\N-xxxx\N1100\N1103 – Pass & Seymour O&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	3/30/18	Top of PVC	410.18	9.81	20.0	400.77	1.7
		Top of PVC	410.18		20.0		
		Top of PVC	410.18		20.0		
		Top of PVC	410.18		20.0		
BR07-32	3/30/18	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		NS		
BR08-33	3/30/18	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	3/30/18	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	3/30/18	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	3/30/18	Top of PVC	417.85	16.66	24.28	401.19	1.2
		Top of PVC	417.85		24.28		
		Top of PVC	417.85		24.28		
		Top of PVC	417.85		24.28		
BRO9-39	3/30/18	Top of PVC	424.06	19.45	30.22	404.61	1.7
		Top of PVC	424.06		30.22		
		Top of PVC	424.06		30.22		
		Top of PVC	424.06		30.22		
BR10-46	3/30/18	Top of PVC	417.10	11.29	27	405.81	2.2
		Top of PVC	417.10		27		
		Top of PVC	417.10		27		
		Top of PVC	417.10		27		
BR10-47	3/30/18	Top of PVC	416.67	11.2	28	405.47	2.7
		Top of PVC	416.67		28		
		Top of PVC	416.67		28		
		Top of PVC	416.67		28		
IW2-1	3/30/18	Top of PVC	418.25	16.05	34.35	402.2	12.9
		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	3/30/18	Top of PVC	416.62	14.3	34.60	402.32	13.9
		Top of PVC	416.62		34.60		
		Top of PVC	416.62		34.6		
		Top of PVC	416.62		34.6		
MW05-02	3/30/18	Top of PVC	408.83	DRY	9.92	DRY	DRY
		Top of PVC	408.83		9.92		
		Top of PVC	408.83		9.92		
		Top of PVC	408.83		9.92		
MW05-03	3/30/18	Top of PVC	421.42	DRY	13.05	DRY	DRY
		Top of PVC	421.42		13.05		
		Top of PVC	421.42		13.05		
		Top of PVC	421.42		13.05		
MW05-04	3/30/18	Top of PVC	408.45	DRY	10.70	DRY	DRY
		Top of PVC	408.45		10.70		
		Top of PVC	408.45		10.7		
		Top of PVC	408.45		10.7		
MW05-05	3/30/18	Top of PVC	427.82	DRY	18.0	DRY	DRY
		Top of PVC	427.82		18.0		
		Top of PVC	427.82		18.0		
		Top of PVC	427.82		18.0		
MW05-10	3/30/18	Top of PVC	403.89	14.84	19.25	389.05	0.7
		Top of PVC	403.89		19.25		
		Top of PVC	403.89		19.25		
		Top of PVC	403.89		19.25		
MW05-11	3/30/18	Top of PVC	410.0	DRY	14.31	DRY	DRY
		Top of PVC	410.0		14.31		
		Top of PVC	410.0		14.31		
		Top of PVC	410.0		14.31		
MW05-21	3/30/18	Top of PVC	411.46	4.25	11.7	407.21	1.2
		Top of PVC	411.46		11.7		
		Top of PVC	411.46		11.7		
		Top of PVC	411.46		11.7		
OB09-36	3/30/18	Top of PVC	414.84	13.05	33.65	401.79	3.4
		Top of PVC	414.84		33.65		
		Top of PVC	414.84		33.65		
		Top of PVC	414.84		33.65		
OB09-38	3/30/18	Top of PVC	416.68	15.1	33.38	401.58	2.9
		Top of PVC	416.68		33.38		
		Top of PVC	416.68		33.38		
		Top of PVC	416.68		33.38		
OW1-1	3/30/18	Top of PVC	421.40	14.29	23.05	407.11	2.1
		Top of PVC	421.40		23.05		
		Top of PVC	421.40		23.05		

Table 1 Groundwater Elevations Pass and Seymour

		Top of PVC	421.40		23.05		
OW1-2	3/30/18	Top of PVC	421.25	17.0	28.00	404.25	1.8
		Top of PVC	421.25		28.00		
		Top of PVC	421.25		28.00		
		Top of PVC	421.25		28.0		
OW1-3	3/30/18	Top of PVC	417.16	14.33	25.75	402.83	1.86
		Top of PVC	417.16		25.75		
		Top of PVC	417.16		25.75		
		Top of PVC	417.16		25.75		
OW1-4	3/30/18	Top of PVC	419.90	17.0	27.97	402.9	1.8
		Top of PVC	419.90		27.97		
		Top of PVC	419.90		27.97		
		Top of PVC	419.90		27.97		
OW2-2	3/30/18	Top of PVC	416.59	14.94	34.71	401.65	3.22
		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
*** - Not sampled due to presence of permanganate

Table 2 Groundwater Field Parameters, Pass and Seymour

Monitoring Well ID	Date 2017	Time	Temp (°C)	Conductivity (mmhos/cm)	Salinity	Dissolved Oxygen (%)	pH (units)	Eh (mV)	Turbidity (NTU)	Amount Purged (gal)
BR07-31	3/30	1245	6.65	3500	2.24	0.80	6.33	125	1.9	5.0
BR07-32	3/30	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-33	3/30	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-34	3/30	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-35	3/30	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR09-37	3/30	1520	9.68	2980	0.194	0.51	7.54	136	4.7	4.3
BR09-39	3/30	1512	11.04	1060	0.68	0.69	6.81	155	2.7	5.7
BR10-46	3/30	1222	8.54	2390	1.53	0.95	6.58	131	3.5	6.5
BR10-47	3/30	1200	9.44	2190	1.4	0.43	6.18	119	3.7	8.5
IW2-1	3/30	1325	9.34	1390	0.89	0.68	6.83	150	17.2	39

Table 2 Groundwater Field Parameters, Pass and Seymour

IW2-3	3/30	1305	8.95	2080	1.33	0.72	6.73	142	4.6	42
MW05-02	3/30	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-03	3/30	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-04	3/30	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-5	3/30	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-10	3/30	1400	9.67	5970	3.76	0.86	6.83	115	46.8	2.1
MW05-11	3/30	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW05-21	3/30	1240	5.85	2660	1.7	0.66	6.65	153	3.9	3.6
OB09-36	3/30	1345	9.26	4860	3.12	0.70	6.57	80	15.8	10.5

Table 2 Groundwater Field Parameters, Pass and Seymour

OB09-38	3/30	1335	9.39	3540	2.27	0.98	6.53	123	23.4	9
OW1-1	3/30	1412	9.48	3920	2.51	0.80	6.91	127	13.3	6.5
OW1-2	3/30	NM	NM	NM	NM	NM	NM	NM	NM	NM
OW1-3	3/30	1540	8.31	2330	1.49	0.72	6.61	176	0.4	4.0
OW1-4	3/30	1500	10.04	1060	0.67	0.39	6.77	144	4.1	5.5
OW2-2	3/30	1315	9.04	3140	2.01	0.69	6.62	161	2.9	39

NA – Parameters not collected due to low volume OR not reported as noted in the field due to problems with field instrumentation

NS – Not Sampled due to insufficient water (well too dry)

NM – Not sampled due to presence of oil layer in well

*** ---Not sampled due to presence of permanganate

Analytes: VOC's EPA Method 8260B	**WELL BR07-31**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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	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	2.6			
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	***19***			
Toluene	5	NS	ND			
trans-1,2-Dichloroethene	5	NS	ND			
trans-1,3-Dichloropropene	0.4	NS	ND			
Trichloroethene	5	NS	3.1			
Trichlorofluoromethane	5	NS	ND			
Vinyl chloride	2	NS	ND			
Xylenes, Total	5	NS	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	NS	ND			
Manganese (EPA Method 6010B)		NS	110			
Nitrate as N (EPA Method 9056)	10,000	NS	106,000			
Chemical Oxygen Demand (EPA Method 410.4)		NS	15,400 B			
Total Organic Carbon (EPA Method 9060A)		NS	5,800			

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 2018 Post-ISCO Groundwater Sample Analytical Results

Analytes: VOC's EPA Method 8260B	**WELL BR07-32**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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 2018 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** 3/31/18	**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**		**2018** **1st QTR**	**2nd QTR**	**3rdQTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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** 3/31/18	**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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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** 3/31/18	**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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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** 3/31/18	**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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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**	***1,400***			
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***	***24,000***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	17,000	360			
Manganese (EPA Method 6010B)		NS	210			
Nitrate as N (EPA Method 9056)	10,000	2,100	210			
Chemical Oxygen Demand (EPA Method 410.4)		9,400	ND			
Total Organic Carbon (EPA Method 9060A)	NS	ND	770 J B			

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

Analytes: VOC's EPA Method 8260B	**WELL BR09-39**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5		ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
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***	***7.2***			
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	2.2			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***290***	***87***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	132	21 J			
Manganese (EPA Method 6010B)			ND			
Nitrate as N (EPA Method 9056)	10,000	10,400	4,500			
Chemical Oxygen Demand (EPA Method 410.4)		4,300	ND			
Total Organic Carbon (EPA Method 9060A)		ND	910 J B			

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

Analytes: VOC's EPA Method 8260B	**WELL BR10-46**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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		ND			
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		***45***			
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		ND			
Toluene	5		ND			
trans-1,2-Dichloroethene	5		ND			
trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	***5***		***200***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2ndQTR**	**3rdQTR**	**4th QTR**
Iron (EPA Method 6010B)	300		750			
Manganese (EPA Method 6010B)			580			
Nitrate as N (EPA Method 9056)	10,000		430			
Chemical Oxygen Demand (EPA Method 410.4)			13,500			
Total Organic Carbon (EPA Method 9060A)			3,700 B			

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

Analytes: VOC's EPA Method 8260B	**WELL BR10-47**		**2018** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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		ND			
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		***12***			
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		***63***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		430			
Manganese (EPA Method 6010B)			2,000			
Nitrate as N (EPA Method 9056)	10,000		5,000			
Chemical Oxygen Demand (EPA Method 410.4)			6,500 J			
Total Organic Carbon (EPA Method 9060A)			1,100 B			

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

Analytes: VOC's EPA Method 8260B	**WELL IW2-1**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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***	2.4			
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***	***12***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/17	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,610	5,000			
Manganese (EPA Method 6010B)			160			
Nitrate as N (EPA Method 9056)	10,000	440	230			
Chemical Oxygen Demand (EPA Method 410.4)		5,800	25,100 B			
Total Organic Carbon (EPA Method 9060A)		ND	2,500			

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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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***	2.9			
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***	***30***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	4,870	750			
Manganese (EPA Method 6010B)	300	473	240			
Nitrate as N (EPA Method 9056)	10,000	750	2,400			
Chemical Oxygen Demand (EPA Method 410.4)		7,100	16,200 J			
Total Organic Carbon (EPA Method 9060A)		ND	2,400			

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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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 3/31/18	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 MW05-03**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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 3/28/17	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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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** 3/31/18	**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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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 3/31/18	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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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	ND			
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***	3.5			
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	1.4			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
Trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***160***	***78***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	*3630*	8,400			
Manganese (EPA Method 6010B)			240			
Nitrate as N (EPA Method 9056)	10,000	3,000	2,500			
Chemical Oxygen Demand (EPA Method 410.4)	NS	8,100J	ND			
Total Organic Carbon (EPA Method 9060A)	NS	1,800	2,200			

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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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** 3/31/18	**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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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		ND			
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		1.2			
Toluene	5		ND			
trans-1,2-Dichloroethene	5		ND			
Trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	5		ND			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		1,300			
Manganese (EPA Method 6010B)			720			
Nitrate as N (EPA Method 9056)	10,000		130,000			
Chemical Oxygen Demand (EPA Method 410.4)	NS		ND			
Total Organic Carbon (EPA Method 9060A)	NS		8,800			

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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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		ND			
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		1.2			
Toluene	5		ND			
trans-1,2-Dichloroethene	5		ND			
Trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	5		ND			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		1,300			
Manganese (EPA Method 6010B)			720			
Nitrate as N (EPA Method 9056)	10,000		130,000			
Chemical Oxygen Demand (EPA Method 410.4)	NS		ND			
Total Organic Carbon (EPA Method 9060A)	NS		8,800			

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 OB09-38**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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***	***8.2***			
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***	***9.7***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	38,700	4,100			
Manganese (EPA Method 6010B)			350			
Nitrate as N (EPA Method 9056)	10,000	94	150			
Chemical Oxygen Demand (EPA Method 410.4)		3,900	5,600 J			
Total Organic Carbon (EPA Method 9060A)	NS	ND	770 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
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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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***	***37***			
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***	***13***			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4		ND			
Trichloroethene	***5***	***2700***	***590***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	751	24,600 ^			
Manganese (EPA Method 6010B)			1,900 ^			
Nitrate as N (EPA Method 9056)	10,000	1,900	12,700			
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,600J	ND			
Total Organic Carbon (EPA Method)	NS	ND	1,300 B			

All values reported as ug/L
ND-Analyzed for but NOT DETECTED
J – Includes an estimated value
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)
^- 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**		**2018 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	*5*	***4,800***	***3,100***			
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	*1,300 J*	ND			
Styrene	5	ND	ND			
Tetrachloroethene	***5***	***440 J***	***230 J***			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	***5***	ND	ND			
Trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***49,000***	***17,000 F1***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

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

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

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,060	41 J^			
Manganese (Method 6010B)			1,000 ^			
Nitrate as N (EPA Method 9056)	10,000	7,400	2,200			
Chemical Oxygen Demand (EPA Method 410.4)		23,000	ND			
Total Organic Carbon (EPA Method 9060A)	10,000	ND	3,500 B			

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B- Compound was found in the blank and sample
E- Result exceeded calibration range
F1- MS and /MS recovery is outside acceptance limits
F2- MS/MSD RPD exceeds control limits
J- Includes an estimated value
(-) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)
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Analytes: VOC's EPA Method 8260B	**WELL OW1-3**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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			
1,1-Dichloroethene	***5***	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04	ND	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	***190 J***	***700***			
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	*190J*	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***	***2,700***	***9,400***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	*Pre-ISCO*	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	227 J	390			
Manganese (EPA Method 6010B)			380			
Nitrate as N (EPA Method 9056)	10,000	780	2,100			
Chemical Oxygen Demand (EPA Method 410.4)		3,700 J	5,600 J			
Total Organic Carbon (EPA Method 9060A)	NS	ND	1,500 B			

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

Analytes: VOC's EPA Method 8260B	**WELL OW1-4**		**2018** **1st QTR**	**2ndQTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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***	***3.8 J***			
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*	1.9 J			
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***	***320***	***120***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	209 J	440			
Manganese (EPA Method 6010B)			19			
Nitrate as N (EPA Method 9056)	10,000	3,000	2,100			
Chemical Oxygen Demand (EPA Method 410.4)		ND	6,200 J			
Total Organic Carbon (EPA Method 9060A)	NS	ND	990 J B			

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
B- Compound found in the blank and sample
F1- MS and/or 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**		**2018** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/18			
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***	2.2			
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***	***21***			
Trichlorofluoromethane	5	ND	ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/18	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	239,000	62			
Manganese (EPA Method 6010B)		3,640	200			
Nitrate as N (EPA Method 9056)	10,000	210	3,200			
Chemical Oxygen Demand (EPA Method 410.4)		193,000	ND			
Total Organic Carbon (EPA Method 9060A)		ND	1,500 B			

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

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OW1-2

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 1130 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time initiated: 3-29-18 / 1130 **Date / Time Completed:** 3-29-18/1136

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, inches:** 2.0

Initial Water Level, Feet: 17.00 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 25.00 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: ____ **Dedicated:** (Y) / N

Total Volume Purged, Gal: 4.1 **Purged To Dryness** Y / (N)

Purge Observations: Dark + Oily **Start** Dark **Finish** Dark

PURGE DATA (If Applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW 1-2

Date/Time 3-30-18 / 1555 **Water Level @ Sampling, Feet:** oil in well

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

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

SAMPLING DATA:

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

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: wind, cloud 41°F

Sample Characteristics:

COMMENTS AND OBSERVATIONS:

* W.L. + SAMPLE DATA NOT TAKEN DUE TO PRESENSE OF OIL IN WELL

Sampled @ 1555

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OW1-3

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-30-18 / 1455 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-30-18/1455 **Date / Time Completed:** 3-30-18/1500

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

Initial Water Level, Feet: 14.33 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: ____ **Method of Well Purge:** Trash Pump

One (1) Riser Volume, Gal: ____ **Dedicated:** (Y) N

Total Volume Purged, Gal: 4.0 **Purged To Dryness** Y / (N)

Purge Observations: Clear **Start** Clear **Finish** Clear

PURGE DATA (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW1-3

Date/Time 3-30-18 / 1540 **Water Level @ Sampling, Feet:** RISER KINK

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL)
1540	8.31	6.61	2330	0.72	0.4	176	1.49

g/L

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloudy, wind 41°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Clear

* W.L. not taken b/c riser had kink *

Sampled @ 1540

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

Date: 3/30/18 **By:** [signature] **Company:** T-E

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** GW1-4

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 1120 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18 / 1120 **Date / Time Completed:** 3-29-18 / 1128

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

Initial Water Level, Feet: 17.00 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 28.00 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.8 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 5.5 **Purged To Dryness** Y / (N)

Purge Observations: clear **Start** clear **Finish** clear

PURGE DATA (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW 1-4

Date/Time 3-30-18 1500 **Water Level @ Sampling, Feet:** 14.62

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)		Turb. (NTU)	Other (ORP)	Other (SAL) g/L
1500	10.04	6.77	1060	0.39	4.1	144	0.677

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: wind, cloud 41°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS: clear

Sampled @ 1500

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR09-37

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 1110 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18 / 1110 **Date / Time Completed:** 3-29-18 / 1118

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

Initial Water Level, Feet: 16.66 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 24.00 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.2 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 4.3 **Purged To Dryness** Y / (N)

Purge Observations: Turbid **Start** Turbid **Finish** Turbid

PURGE DATA (If Sampled)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR09-37

Date/Time 3-30-18 / 1520 **Water Level @ Sampling, Feet:** 15.78

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) g/L
1520	9.68	7.54	298	0.51	4.7	136	.194

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: wind, cloud 41°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Clear

Sampled @ 1520

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** BR09-39

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 1120 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18 / 1120 **Date / Time Completed:** 3-29-18/1130

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

Initial Water Level, Feet: 19.45 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 30.00 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.7 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 5.7 **Purged To Dryness** Y / (N)

Purge Observations: clear **Start** Clear **Finish** clear

PURGE DATA (If Applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR09-39

Date/Time 3-30-18 / 1512 **Water Level @ Sampling, Feet:** 18.10

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL)
1512	11.04	6.81	1060	0.69	2.7	155	0.68

g/L

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloud, wind 41°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Clear

Sampled @ 1512

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: MW05-10

Field Personnel: EB/TB

Sample Matrix: GW

MONITORING WELL INSPECTION:

Date/Time 3-29-18 / 1015

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

Prot. Casing/riser height:

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

If prot.casing; depth to riser below:

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-29-18 / 1015

Date / Time Completed: 3-29-18/1019

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

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 14.84

Elevation. G/W MSL:

Well Total Depth, Feet: 19.20

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 0.7

Dedicated: (Y) / N

Total Volume Purged, Gal: 2.1

Purged To Dryness Y / (N)

Purge Observations: Cloudy

Start Cloudy Finish Cloudy

PURGE DATA: (if applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-10

Date/Time 3-30-18 1400 **Water Level @ Sampling, Feet:** 13.45

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) g/L
1400	9.67	6.83	5970	0.86	468	115	3.76

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloud, wind 41°F

Sample Characteristics: turbid

COMMENTS AND OBSERVATIONS: turbid

Sampled @ 1400

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

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

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 1030 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18 / 1030 **Date / Time Completed:** 3-29-18 / 1045

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

Initial Water Level, Feet: 14.29 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 27.40 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 2.1 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 6.5 **Purged To Dryness** Y / (N)

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

PURGE DATA (IF APPLICABLE)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OW 1-1

Date/Time 3-30-18 ~~1400~~ 1412 **Water Level @ Sampling, Feet:** 12.79 ~~13.45~~

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL)
1412	9.48	6.91	3920	0.80	13.3	127	2.51

g/L

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloud, wind 41°F

Sample Characteristics: Sl. Turbid

COMMENTS AND OBSERVATIONS: Sl. Turbid

Sampled @ 1412

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: PASS + Seymour **Sample Point ID:** MWOS-21

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 0945 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18 / 0945 **Date / Time Completed:** 3-29-18/0951

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

Initial Water Level, Feet: 4.25 **Elevation. G/W MSL:** ____

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

One (1) Riser Volume, Gal: 1.2 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.6 **Purged To Dryness** Y / (N)

Purge Observations: clear **Start** clear **Finish** clear

PURGE DATA (If Applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-21

Date/Time 3-30-18 1240 **Water Level @ Sampling, Feet:** 3.71

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) (g/L)
1240	5.85	6.65	2660	0.66	3.9	153	1.70

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy 41°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Clear

Sampled @ 1240

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

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

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 3-29-18 1000 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-29-18 / 1000 **Date / Time Completed:** 3-29-18 / 1010

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

Initial Water Level, Feet: 11.29 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 25 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 2.2 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 6.5 **Purged To Dryness** Y / (N)

Purge Observations: Clear **Start** Clear **Finish** Clear

PURGE DATA: (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR 10-46

Date/Time 3-30-18 / 1222 **Water Level @ Sampling, Feet:** 10.78

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL)
1222	8.54	6.58	2390	0.95	3.5	131	1.53

mg/L

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloudy 41°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS: clear

Sampled @ 1222

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW05-11.

Field Personnel: ED/TB **Sample Matrix:** G-W

MONITORING WELL INSPECTION

Date/Time 3-29-18 1115 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18/1115 **Date / Time Completed:** DRY

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

Initial Water Level, Feet: DRY **Elevation. G/W MSL:** ____

Well Total Depth, Feet: ____ **Method of Well Purge:** ____

One (1) Riser Volume, Gal: ____ **Dedicated:** Y / N

Total Volume Purged, Gal: ____ **Purged To Dryness** Y / N

Purge Observations: ____ **Start** ____ **Finish** ____

PURGE DATA (If Applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-11

Date/Time 3-30-18 1 **Water Level @ Sampling, Feet:** DRY

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

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

SAMPLING DATA:

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

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: _____

Sample Characteristics: _____

COMMENTS AND OBSERVATIONS:

WELL DRY, NO PURGE/SAMPLE

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

Date: 03/30/18 **By:** _____ **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW05-05

Field Personnel: EB/HB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 1115 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: DRY **Date / Time Completed:** DRY

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

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

Well Total Depth, Feet: ____ **Method of Well Purge:** ____

One (1) Riser Volume, Gal: ____ **Dedicated:** Y / N

Total Volume Purged, Gal: ____ **Purged To Dryness** Y / N

Purge Observations: ____ **Start** ____ **Finish** ____

PURGE DATA (IF APPLICABLE)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-05

Date/Time 3-30-18 1 **Water Level @ Sampling, Feet:** DRY

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

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

SAMPLING DATA:

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

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: _____

Sample Characteristics: _____

COMMENTS AND OBSERVATIONS:

WELL DRY, NO PURGE/SAMPLE

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

Date: 3/30/18 **By:** _____ **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW05-04

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 3-29-18 / 1120 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: DRY **Date / Time Completed:** DRY

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

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

Well Total Depth, Feet: ____ **Method of Well Purge:** ____

One (1) Riser Volume, Gal: ____ **Dedicated:** Y / N

Total Volume Purged, Gal: ____ **Purged To Dryness** Y / N

Purge Observations: ____ **Start** ____ **Finish** ____

PURGE DATA: (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-04

Date/Time 3-30-18 / **Water Level @ Sampling, Feet:** DRY

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

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

SAMPLING DATA:

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

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: _____

Sample Characteristics: _____

COMMENTS AND OBSERVATIONS:

WELL DRY, NO PURGE/SAMPLE

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

Date: 3/30/18 **By:** _____ **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW05-03

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 1035 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: DRY **Date / Time Completed:** DRY

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

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

Well Total Depth, Feet: ____ **Method of Well Purge:** ____

One (1) Riser Volume, Gal: ____ **Dedicated:** Y / N

Total Volume Purged, Gal: ____ **Purged To Dryness** Y / N

Purge Observations: ____ **Start** ____ **Finish** ____

PURGE DATA (If Applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-03

Date/Time 3-30-18 / **Water Level @ Sampling, Feet:** DRY

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

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

SAMPLING DATA:

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

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: _____

Sample Characteristics: _____

COMMENTS AND OBSERVATIONS:

WELL DRY, NO PURGE/SAMPLE

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

Date: 031301 18 **By:** _____ **Company:** T4L

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** MW-05-02

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 1110 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: WELL DRY **Date / Time Completed:** WELL DRY

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

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

Well Total Depth, Feet: ____ **Method of Well Purge:** ____

One (1) Riser Volume, Gal: ____ **Dedicated:** Y / N

Total Volume Purged, Gal: ____ **Purged To Dryness** Y / N

Purge Observations: ____ **Start** ____ **Finish** ____

PURGE DATA (If Applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW05-02

Date/Time / **Water Level @ Sampling, Feet:** DRY

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

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

SAMPLING DATA:

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

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: _____

Sample Characteristics: _____

COMMENTS AND OBSERVATIONS:

WELL DRY, NO PURGE/SAMPLE

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

Date: 03/30/18 **By:** _____ **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OB09-36

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INSPECTION

Date/Time 3-29-18 / 1032 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION

Date / Time Initiated: 3-29-18 / 1032 **Date / Time Completed:** 3-29-18 / 1045

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

Initial Water Level, Feet: 13.05 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 34.0 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 3.4 **Dedicated:** (Y) N

Total Volume Purged, Gal: 10.5 **Purged To Dryness** Y / (N)

Purge Observations: cloudy **Start** cloudy **Finish** cloudy

PURGE DATA (if applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID 0809-36

Date/Time 3-30-18 / 1345 **Water Level @ Sampling, Feet:** 14.62

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) ppt
1345	9.26	6.57	4860	0.70	15.8	80	3.12

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: wind, cloud 41°F

Sample Characteristics: Sl. turbid

COMMENTS AND OBSERVATIONS: Sl turb

Sampled @ 1345

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

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

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 3-29-18 / 1103 **Cond of seal:** (X) Good ( ) Cracked ____ %
( ) None ( ) Buried

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-29-18 / 1103 **Date / Time Completed:** 3-29-18/1118

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

Initial Water Level, Feet: 15.1 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 32.9 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 2.9 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 9 gal **Purged To Dryness** Y / (N)

Purge Observations: cloudy **Start** cloudy **Finish** cloudy

PURGE DATA (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID OB09-38

Date/Time 3-30-18 / 1335 **Water Level @ Sampling, Feet:** 14.65

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) g/L
1335	9.39	6.53	3540	0.98	23.4	123	2.27

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloud, wind 41°F

Sample Characteristics: Turbid

COMMENTS AND OBSERVATIONS: Turbid

Sampled @ 1335

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

Date: 3/31/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

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

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORING WELL INFORMATION

Date/Time 3-29-18 / 0940 **Cond of seal:** (W) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGING INFORMATION:

Date / Time Initiated: 3-29-18 / 0940 **Date / Time Completed:** 3-29-18/0953

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

Initial Water Level, Feet: 11.20 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 28 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 2.7 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 8.5 **Purged To Dryness** Y / (N)

Purge Observations: Turbid **Start** Turbid **Finish** Turbid

PURGE DATA (STABILIZATION)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ORP	Other SALIN (g/L)
~~1200~~			9.44	6.18	2190	~~3.7~~	119	1.40 TB

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR10-47

Date/Time 3-30-18 1200 **Water Level @ Sampling, Feet:** 10.90

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (Salinity (g/L))
1200	9.44	6.18	2190	0.43	3.7	119	1.40

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloudy 41°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS: clear

Sampled @ 1200

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

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

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 3-29-18 / 0930 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-29-18 / 0930 **Date / Time Completed:** 3-29-18 / 0940

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

Initial Water Level, Feet: 9.81 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 20 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.7 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 5 **Purged To Dryness** Y (N)

Purge Observations: clear **Start** clear **Finish** clear

PURGE DATA: (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID BR07-A31

Date/Time 3-30-18 / 1245 **Water Level @ Sampling, Feet:** 6.24

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) (~~mg/L~~) (g/L)
1245	6.65	6.33	3500	0.80	1.9	125	2.24

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloudy / 41°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS: clear

Sampled @ 1245

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Post + Seymour **Sample Point ID:** IW 2-1

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 3-30-18 1055 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-30-18 / 1055 **Date / Time Completed:** 3-30-18 / 1115

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 4.0

Initial Water Level, Feet: 16.05 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 35.86 **Method of Well Purge:** Trash Pump

One (1) Riser Volume, Gal: 12.9 **Dedicated:** (Y) / N

Total Volume Purged, Gal: ~~35.86~~ 39 **Purged To Dryness** Y / (N)

Purge Observations: clear **Start** clear **Finish** clear

PURGE DATA: (if applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID TW2-1

Date/Time 3-30-18 1325 **Water Level @ Sampling, Feet:** 16.45

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL)
1325	9.34	6.83	1390	0.68	17.2	150	0.89

g/L

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloud/wind 41°F

Sample Characteristics: Brown, turb

COMMENTS AND OBSERVATIONS: Brown tint

Sampled @ 1325

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: IW2-3

Field Personnel: EB/TB

Sample Matrix: GW

MONITORTING WELL INSPECTION:

Date/Time 3-30-18 1005

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

Prot. Casing/riser height: ____

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-30-18/ 1005

Date / Time Completed: 3-30-18/ 1020

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

Riser Diameter, Inches: 4.0

Initial Water Level, Feet: 14.30

Elevation. G/W MSL: ____

Well Total Depth, Feet: ~~36~~ 35.61

Method of Well Purge: TRASH Pump

One (1) Riser Volume, Gal: 13.9

Dedicated: (Y) / N

Total Volume Purged, Gal: 42.0

Purged To Dryness Y / (N)

Purge Observations: clear

Start Clear **Finish** clear

PURGE DATA: (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID IW 2-3

Date/Time 3-30-18 / 1305 **Water Level @ Sampling, Feet:** 14.19

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL) (g/L)
1305	8.95	6.73	2080	0.72	4.6	142	1.33

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: cloudy, wind 41°F

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS: clear

Sampled @ 1305

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

Date: 3/30/18 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Pass + Seymour **Sample Point ID:** OW2-2

Field Personnel: EB/TB **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 3-30-18 / 1030 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

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

If prot.casing; depth to riser below: ____

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

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

PURGE INFORMATION:

Date / Time Initiated: 3-30-18 / 1030 **Date / Time Completed:** 3-30-18/1055

Surf. Meas. Pt: ( ) Prot. Casing ( ) Riser **Riser Diameter, Inches:** 4.0

Initial Water Level, Feet: 14.94 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 35.01 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 13 gal **Dedicated:** (Y) N

Total Volume Purged, Gal: ~~35.01~~ 39 **Purged To Dryness** Y / (N)

Purge Observations: clear **Start** clear **Finish** clear

PURGE DATA: (If applicable)

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

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW2-2

Date/Time 3-30-18 1315 **Water Level @ Sampling, Feet:** 14.66

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

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

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	DO	Turb. (NTU)	Other (ORP)	Other (SAL)
1315	9.04	6.62	3140	0.09	2.9	161	2.01

INSTRUMENT CALIBRATION/CHECK DATA:

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

GENERAL INFORMATION:

Weather conditions @ time of sampling: Cloud/wind 40°F

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS: Clear

Sampled @ 1315

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

Date: 3/30/18 **By:** [signature] **Company:** TAL