DW Stoner & Associates, LLC

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June 1, 2020

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

Re: Quarterly Monitoring for Brownfield Site #C734102

Dear Mr. Belveg,

The purpose of this letter report is to submit the results of the first quarter 2020 groundwater monitoring at the Pass and Seymour site located at 50 Boyd Ave, Solvay NY. The monitoring was completed in conformance with the approved Site Management Plan (SMP) for this site, as amended February 2020. This site was issued a Certificate of Completion on December 16, 2010.

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

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

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

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

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

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

In AOC-2, there are five (5) observation wells screened in the overburden till/weathered shale unit to monitor ISCO effectiveness: IW2-1, IW2-3, OW2-2, OB09-36, and OB09-38. IW2-1 and IW2-3 are sampled in the first and third quarters while the remaining three wells are sampled once a year, in the third quarter.

In the northwest corner of the site, a pair of wells screened in overburden (MW05-21) and bedrock (BR07-31) is also monitored for VOC's, once per year, in the third quarter.

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

Monitoring was conducted in accordance with the Field Sampling Plan included in the approved SMP and an SMP amendment submitted in 2020. Sampling was completed on March 31, 2020. The Groundwater Field Sampling logs are included as Attachment A.

Groundwater Monitoring Results:

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

Please contact me if you have any questions.

Very Truly Yours,

David W. Stoner, P.G.
President

Legend:

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

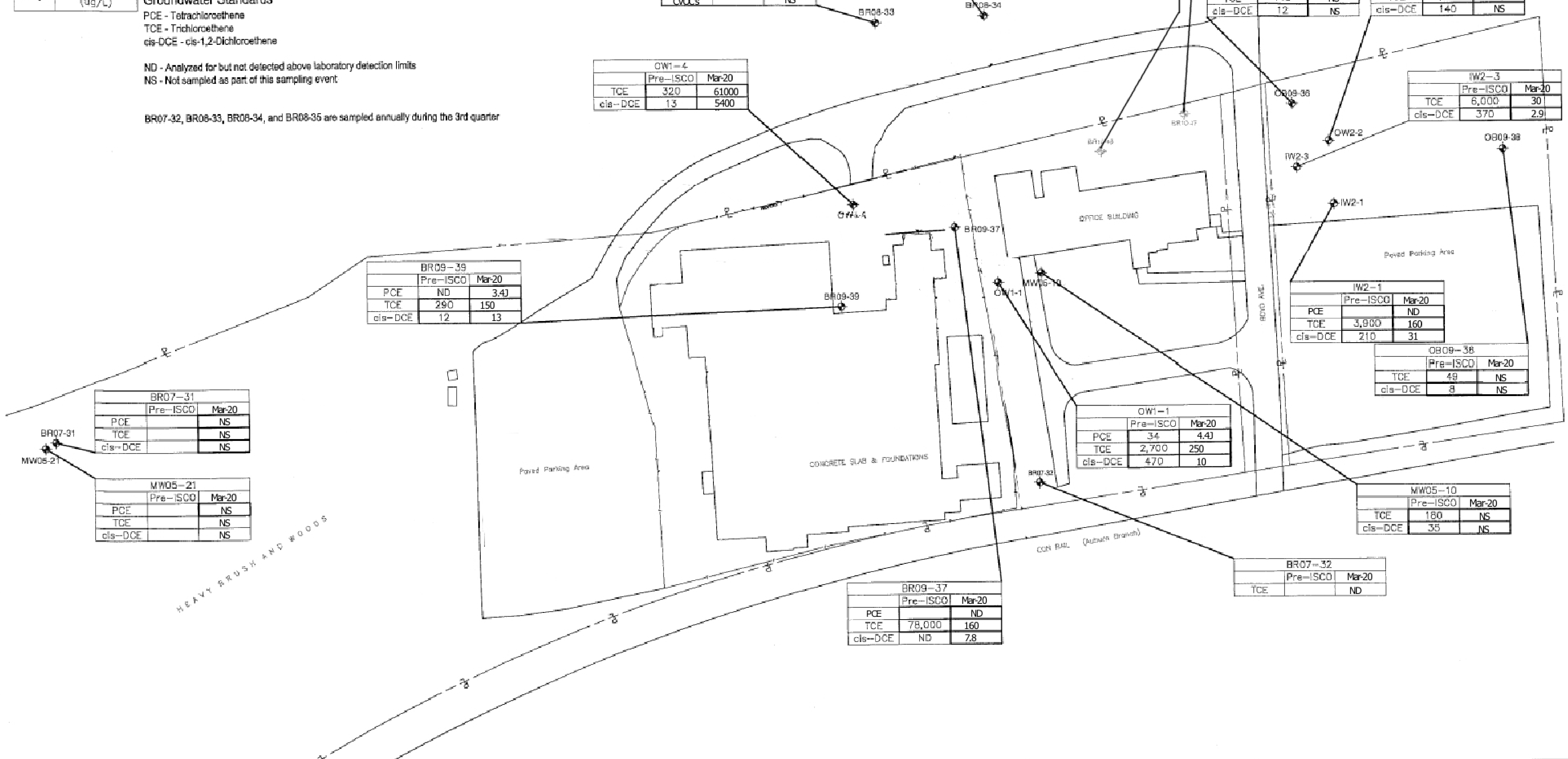
Sample ID	
	Date Sampled
Analyte	Concentration (ug/L)

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

PCE - Tetrachloroethene
TCE - Trichloroethene
cis-DCE - cis-1,2-Dichloroethene

ND - Analyzed for but not detected above laboratory detection limits
NS - Not sampled as part of this sampling event

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



BR10-46	Pre-ISCO	Mar-20
PCE	ND	ND
TCE	9500	110
cis-DCE	560	4.4

BR10-47	Pre-ISCO	Mar-20
PCE	ND	ND
TCE	6500	23
cis-DCE	290	2.8

BR08-35	Pre-ISCO	Mar-20
CVOCs		NS

BR08-34	Pre-ISCO	Mar-20
CVOCs		NS

BR08-33	Pre-ISCO	Mar-20
CVOCs		NS

OB09-36	Pre-ISCO	Mar-20
TCE	140	NS
cis-DCE	12	NS

OW2-2	Pre-ISCO	Mar-20
TCE	1,200	NS
cis-DCE	140	NS

OW1-4	Pre-ISCO	Mar-20
TCE	320	61000
cis-DCE	13	5400

IW2-3	Pre-ISCO	Mar-20
TCE	6,000	30
cis-DCE	370	2.9

BR09-39	Pre-ISCO	Mar-20
PCE	ND	3.4J
TCE	290	150
cis-DCE	12	13

IW2-1	Pre-ISCO	Mar-20
PCE		ND
TCE	3,900	160
cis-DCE	210	31

OB09-38	Pre-ISCO	Mar-20
TCE	49	NS
cis-DCE	8	NS

BR07-31	Pre-ISCO	Mar-20
PCE		NS
TCE		NS
cis-DCE		NS

MW05-21	Pre-ISCO	Mar-20
PCE		NS
TCE		NS
cis-DCE		NS

OW1-1	Pre-ISCO	Mar-20
PCE	34	4.4J
TCE	2,700	250
cis-DCE	470	10

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

BR07-32	Pre-ISCO	Mar-20
TCE		ND

BR09-37	Pre-ISCO	Mar-20
PCE		ND
TCE	78,000	160
cis-DCE	ND	7.8

SURVEY NOTE
BASED ON A FIGURE PREPARED BY SSW REDEVELOPMENT OF NORTH AMERICA DECEMBER 2011
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HAKING, L.S. 47461, LAST REVISED BY HAKING ON JUNE 21, 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: 04/28/2020 JOB No: 1234

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

Figure 1 – Analytical Results for Chlorinated VOCs in Groundwater

X-REF: NAMES?
J:\PROJECTS\N-xxxx\N1100\N1103 – Pass & Seymour Owldd\4th Quarter 2011 – Phase\GW Results.dwg

Table 1 Groundwater Elevations Pass and Seymour

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation	Volume (gal)
BR07-31	3/31/20	Top of PVC	410.18	NS	20.0	NS	NS
		Top of PVC	410.18		20.0		
		Top of PVC	410.18		20.0		
		Top of PVC	410.18		20.0		
BR07-32	3/31/20	Top of PVC	426.82	NS	20	NS	NS
		Top of PVC	426.82		20		
		Top of PVC	426.82		20		
		Top of PVC	426.82		20		
BR08-33	3/31/20	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	3/31/20	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	3/31/20	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	3/31/20	Top of PVC	417.85	16.68	24.28	401.17	1.39
		Top of PVC	417.85		24.28		
		Top of PVC	417.85		24.28		
		Top of PVC	417.85		24.28		
BRO9-39	3/31/20	Top of PVC	424.06	15.71	30.22	408.35	2.76
		Top of PVC	424.06		30.22		
		Top of PVC	424.06		30.22		
		Top of PVC	424.06		30.22		
BR10-46	3/31/20	Top of PVC	417.10	11.42	27	405,68	2.78
		Top of PVC	417.10		27		
		Top of PVC	417.10		27		
		Top of PVC	417.10		27		
BR10-47	3/31/20	Top of PVC	416.67	12.50	28	404.17	2.63
		Top of PVC	416.67		28		
		Top of PVC	416.67		28		
		Top of PVC	416.67		28		
IW2-1	3/31/20	Top of PVC	418.25	16.48	34.35	401.77	12.75
		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	3/31/20	Top of PVC	416.62	14.83	34.60	401.79	13.71
		Top of PVC	416.62		34.60		
		Top of PVC	416.62		34.6		
		Top of PVC	416.62		34.6		
MW05-10	3/31/20	Top of PVC	403.89	NS	19.25	NS	NS
		Top of PVC	403.89		19.25		
		Top of PVC	403.89		19.25		
		Top of PVC	403.89		19.25		
MW05-21	3/31/20	Top of PVC	411.46	NS	11.7	NS	NS
		Top of PVC	411.46		11.7		
		Top of PVC	411.46		11.7		
		Top of PVC	411.46		11.7		
OB09-36	3/31/20	Top of PVC	414.84	NS	33.65	NS	NS
		Top of PVC	414.84		33.65		
		Top of PVC	414.84		33.65		
		Top of PVC	414.84		33.65		
OB09-38	3/31/20	Top of PVC	416.68	NS	33.38	NS	NS
		Top of PVC	416.68		33.38		
		Top of PVC	416.68		33.38		
		Top of PVC	416.68		33.38		
OW1-1	3/31/20	Top of PVC	421.40	14.0	23.05	407.4	2.34
		Top of PVC	421.40		23.05		
		Top of PVC	421.40		23.05		
		Top of PVC	421.40		23.05		
OW1-4	3/31/20	Top of PVC	419.90	15.57	27.97	404.33	2.11
		Top of PVC	419.90		27.97		
		Top of PVC	419.90		27.97		
		Top of PVC	419.90		27.97		
OW2-2	3/31/20	Top of PVC	416.59	NS	34.71	NS	NS
		Top of PVC	416.59		34.71		
		Top of PVC	416.59		34.71		
		Top of PVC	416.59		34.71		

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

Table 2 Groundwater Field Parameters, Pass and Seymour

Monitoring Well ID	Date 2020	Time	Temp (°C)	Conductivity (mmhos/cm)	Salinity	Dissolved Oxygen (%)	pH (units)	Eh (mV)	Turbidity (NTU)	Amount Purged (gal)
BR07-31	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR07-32	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-33	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-34	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR08-35	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR09-37	3/31	1140	3.18	565	1.38	8.16	7.32	85.6	37.2	4.25
BR09-39	3/31	1130	3.64	900	0.9	6.87	7.48	102.1	23.7	8.5
BR10-46	3/31	1110	1.75	381	1.09	6.88	7.57	92.8	13.9	8.5
BR10-47	3/31	1100	2.04	725	0.72	4.83	7.46	64.7	8.03	8.0
IW2-1	3/31	1030	3.47	1950	1.07	7.12	6.15	124.3	4.54	38

Table 2 Groundwater Field Parameters, Pass and Seymour

IW2-3	3/31	1045	2.74	991	0.95	5.82	6.95	66.9	3.53	41
MW05-10	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW05-21	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
OB09-36	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
OB09-38	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS
OW1-1	3/31	1120	2.21	1030	2.1	7.26	7.4	115.4	11.63	7
OW1-4	3/31	1150	2.67	1463	0.75	7.17	7.36	83.1	15.4	6.5
OW2-2	3/31	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

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

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

WD- Well Decommissioned

Analytes: VOC's EPA Method 8260B	**WELL BR07-31**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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** 3/31/20	**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)

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

Analytes: VOC's EPA Method 8260B	**WELL BR07-32**		**2020 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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 2020 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** 3/31/20	**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**		**2020** **1st QTR**	**2nd QTR**	**3rdQTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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** 3/31/20	**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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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** 3/31/20	**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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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** 3/31/20	**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**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
1,1,1-Trichloroethane	5	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
D1,1,2-Trichloro-1,ND2,2trifluoroethane	5		ND			
ND1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	5	**ND**	***7.8***			
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***	***160***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

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

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

Analytes: VOC's EPA Method 8260B	**WELL BR09-39**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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***	***13***			
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	***3.4 J***			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	ND			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***290***	***150***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	132	2,000			
Manganese (EPA Method 6010B)			220			
Nitrate as N (EPA Method 9056)	10,000	10,400	4,200			
Chemical Oxygen Demand (EPA Method 410.4)		4,300	9.400 J			
Total Organic Carbon (EPA Method 9060A)		ND	690 J			

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

Analytes: VOC's EPA Method 8260B	**WELL BR10-46**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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		4.4			
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***		***110***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

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

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

Analytes: VOC's EPA Method 8260B	**WELL BR10-47**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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		***2.8***			
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		***23***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2		ND			
Xylenes, Total	5		ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300		1,000			
Manganese (EPA Method 6010B)			1,200			
Nitrate as N (EPA Method 9056)	10,000		5.100			
Chemical Oxygen Demand (EPA Method 410.4)			14,900			
Total Organic Carbon (EPA Method 9060A)			760 J			

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

Analytes: VOC's EPA Method 8260B	**WELL IW2-1**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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***	***31***			
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***	***160***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	ND			
Xylenes, Total	5	ND	ND			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1ST QTR** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,610	1,500			
Manganese (EPA Method 6010B)			150			
Nitrate as N (EPA Method 9056)	10,000	440	380			
Chemical Oxygen Demand (EPA Method 410.4)		5,800	15,200			
Total Organic Carbon (EPA Method 9060A)		ND	1,200			

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

Analytes: VOC's EPA Method 8260B	**WELL IW2-3**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	4,870	300			
Manganese (EPA Method 6010B)	300	473	50			
Nitrate as N (EPA Method 9056)	10,000	750	1,700			
Chemical Oxygen Demand (EPA Method 410.4)		7,100	12,700			
Total Organic Carbon (EPA Method 9060A)		ND	1,100			

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

Analytes: VOC's EPA Method 8260B	**WELL MW05-10**		**2020 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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	***180***	NS			
1,1-Dichloroethane	5	ND	NS			
1,1-Dichloroethene	5	***35***	NS			
1,2, 4-Trichlorobenzene	5	ND	NS			
1,2-Dibromo-3-Chloropropane	0.04		NS			
1,2-Dibromoethane			NS			
1,2-Dichlorobenzene	3		NS			
1,2-Dichloroethane	0.06	ND	NS			
1,2 -Dichloropropane	1		NS			
1,3 Dichlorobenzene	3		NS			
1,4-Dichlorobenzene	3		NS			
2-Butanone (MEK))	50	1.4 J	NS			
2-Hexanone			NS			
4-Methyl-2-pentanone (MIBK)			NS			
Acetone	50	6.3 J	NS			
Benzene	1		NS			
Bromodichloromethane	50	ND	NS			
Bromoform	50	ND	NS			
Bromomethane	5		NS			
Carbon disulfide			NS			
Carbon tetrachloride	5	ND	NS			
Chlorobenzene	5		NS			
Chloroethane	5		NS			
Chloroform	7	ND	NS			
Chloromethane			NS			
cis-1,2-Dichloroethene	**5**	***35***	NS			
cis-1,3-Dichloropropene	0.4	ND	NS			
Cyclohexane			NS			
Dibromochloromethane			NS			
Dichlorodifluoromethane	5	ND	NS			
Ethylbenzene	5	ND	NS			
Isoproylbenzene	5		NS			
Methyl acetate			NS			
Methyl tert-butyl ether	10		NS			
Methylcyclohexane			NS			

Methylene chloride	5	1.4	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***	***160***	NS			
Trichlorofluoromethane	5		NS			
Vinyl chloride	2	ND	NS			
Xylenes, Total	5	ND	NS			

Other Analytes:	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	*3630*	NS			
Manganese (EPA Method 6010B)			NS			
Nitrate as N (EPA Method 9056)	10,000	3,000	NS			
Chemical Oxygen Demand (EPA Method 410.4)	NS	8,100J	NS			
Total Organic Carbon (EPA Method 9060A)	NS	1,800	NS			

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

Analytes: VOC's EPA Method 8260B	**WELL MW05-21**		**2020 1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
1,1,1-Trichloroethane	5		NS			
1,1,2,2-Tetrachloroethane	5		NS			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		NS			
1,1,2-Trichloroethane	1		NS			
1,1-Dichloroethane	5		NS			
1,1-Dichloroethene	5		NS			
1,2, 4-Trichlorobenzene	5		NS			
1,2-Dibromo-3-Chloropropane	0.04		NS			
1,2-Dibromoethane			NS			
1,2-Dichlorobenzene	3		NS			
1,2-Dichloroethane	0.06		NS			
1,2 -Dichloropropane	1		NS			
1,3 Dichlorobenzene	3		NS			
1,4-Dichlorobenzene	3		NS			
2-Butanone (MEK))	50		NS			
2-Hexanone			NS			
4-Methyl-2-pentanone (MIBK)			NS			
Acetone	50		NS			
Benzene	1		NS			
Bromodichloromethane	50		NS			
Bromoform	50		NS			
Bromomethane	5		NS			
Carbon disulfide			NS			
Carbon tetrachloride	5		NS			
Chlorobenzene	5		NS			
Chloroethane	5		NS			
Chloroform	7		NS			
Chloromethane			NS			
cis-1,2-Dichloroethene	5		NS			
cis-1,3-Dichloropropene	0.4		NS			
Cyclohexane			NS			
Dibromochloromethane			NS			
Dichlorodifluoromethane	5		NS			
Ethylbenzene	5		NS			
Isoproylbenzene	5		NS			
Methyl acetate			NS			
Methyl tert-butyl ether	10		NS			
Methylcyclohexane			NS			

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

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

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

Analytes: VOC's EPA Method 8260B	**WELL OB09-36**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
1,1,1-Trichloroethane	5	ND	NS			
1,1,2,2-Tetrachloroethane	5	ND	NS			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		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		NS			
1,2-Dibromo-3-Chloropropane	0.04		NS			
1,2-Dibromoethane			NS			
1,2-Dichlorobenzene	3		NS			
1,2-Dichloroethane	0.6	ND	NS			
1,2 -Dichloropropane	1	ND	NS			
1,3-Dichlorobenzene	3		NS			
1,4-Dichlorobenzene	3		NS			
2-Butanone (MEK))	50	ND	NS			
2-Hexanone			NS			
4-Methyl-2-pentanone (MIBK)	ND	ND	NS			
Acetone	50	ND	NS			
Benzene	1	ND	NS			
Bromodichloromethane	50	ND	NS			
Bromoform	50	ND	NS			
Bromomethane	5	ND	NS			
Carbon disulfide			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	***12***	NS			
cis-1,3-Dichloropropene	0.4	ND	NS			
Cyclohexane			NS			
Dibromochloromethane			NS			
Dichlorodifluoromethane	5		NS			
Ethylbenzene	5	ND	NS			
Isoproylbenzene	5		NS			
Methyl acetate			NS			
Methyl tert-butyl ether	10		NS			
Methylcyclohexane			NS			

Methylene chloride	5	3.2 J	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***	***149***	***NS***			
Trichlorofluoromethane	5		NS			
Vinyl chloride	2	ND	NS			
Xylenes, Total	5	ND	NS			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	1,610	NS			
Manganese (EPA Method 6010B)			NS			
Nitrate as N (EPA Method 9056)	10,000	440	NS			
Chemical Oxygen Demand (EPA Method 410.4)	NS	5,800	NS			
Total Organic Carbon (EPA Method 9060A)	NS	ND	NS			

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

Analytes: VOC's EPA Method 8260B	**WELL OB09-38**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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		NS			
1,2-Dibromo-3-Chloropropane	0.04		NS			
1,2-Dibromoethane			NS			
1,2-Dichlorobenzene	3		NS			
1,2-Dichloroethane	0.6	ND	NS			
1,2 -Dichloropropane	1	ND	NS			
1,3-Dichlorobenzene	3		NS			
1,4-Dichlorobenzene	3		NS			
2-Butanone (MEK))	50		NS			
2-Hexanone			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			NS			
Carbon tetrachloride	5	ND	NS			
Chlorobenzene	5	ND	NS			
Chloroethane	5	ND	NS			
Chloroform	7	ND	NS			
Chloromethane			NS			
cis-1,2-Dichloroethene	5	***8***	NS			
Cis-1,3-Dichloropropene	0.4	ND	NS			
Cyclohexane			NS			
Dibromochloromethane			NS			
Dichlorodifluoromethane	5		NS			
Ethylbenzene	5	ND	NS			
Isoproylbenzene	5		NS			
Methyl acetate			NS			
Methyl tert-butyl ether	10		NS			
Methylcyclohexane			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***	***49***	NS			
Trichlorofluoromethane	5		NS			
Vinyl chloride	2	ND	NS			
Xylenes, Total	5	ND	NS			

Other Analytes	GW Std (ug/L)	Pre-ISCO	**1st QTR** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	38,700	NS			
Manganese (EPA Method 6010B)			NS			
Nitrate as N (EPA Method 9056)	10,000	94	NS			
Chemical Oxygen Demand (EPA Method 410.4)		3,900	NS			
Total Organic Carbon (EPA Method 9060A)	NS	ND	NS			

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

Analytes: **VOC's** EPA Method 8260B	**WELL OW1-1**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
1,1,1-Trichloroethane	**5**	ND	ND			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		ND			
1,1,2-Trichloroethane	1	ND	ND			
1,1-Dichloroethane	5	ND	ND			
1,1-Dichloroethene	5	ND	ND			
1,2, 4-Trichlorobenzene	5		ND			
1,2-Dibromo-3-Chloropropane	0.04		ND			
1,2-Dibromoethane			ND			
1,2-Dichlorobenzene	3		ND			
1,2-Dichloroethane	0.06	ND	ND			
1,2 -Dichloropropane	1	ND	ND			
1,3-Dichlorobenzene	3		ND			
1,4-Dichlorobenzene	3		ND			
2-Butanone (MEK))	50	ND	ND			
2-Hexanone			ND			
4-Methyl-2-pentanone (MIBK)		ND	ND			
Acetone	50	ND	ND			
Benzene	1	ND	ND			
Bromodichloromethane	50	ND	ND			
Bromoform	50	ND	ND			
Bromomethane	5	ND	ND			
Carbon disulfide			ND			
Carbon tetrachloride	5	ND	ND			
Chlorobenzene	5	ND	ND			
Chloroethane	5	ND	ND			
Chloroform	7	ND	ND			
Chloromethane		ND	ND			
cis-1,2-Dichloroethene	***5***	***470***	***10***			
Cis-1,3-Dichloropropene	0.4	ND	ND			
Cyclohexane			ND			
Dibromochloromethane			ND			
Dichlorodifluoromethane	5		ND			
Ethylbenzene	5	ND	ND			
Isoproylbenzene	5		ND			
Methyl acetate			ND			
Methyl tert-butyl ether	10		ND			
Methylcyclohexane			ND			

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

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

All values reported as ug/L
ND-Analyzed for but NOT DETECTED
F-1 -MS and/or MSD Recovery is outside acceptance limits
J – Includes an estimated value
(*) No sample collected because well too dry
Pre ISCO data collected
Bold and italicized results indicate an exceedance of Groundwater Standards
NS – Not Sampled
GW Std – Class GA Groundwater Standard of Guidance from NYS Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998)
^- ICV, CCV, ICB, CCB, ISA,ISH, CRI,CRA,DLCK or MRL standard: Instrument related QC is outside acceptance limits

Analytes: VOC's EPA Method 8260B	**WELL OW1-4**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
1,1,1-Trichloroethane	5	ND	***15***			
1,1,2,2-Tetrachloroethane	5	ND	ND			
1,1,2-Trichloro-1,2,2 trifluoroethane	5		***9.6***			
1,1,2-Trichloroethane	1		ND			
1,1-Dichloroethane	5	ND	***32***			
1,1-Dichloroethene	5	ND	***72***			
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***	***5400***			
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	***14***			
Toluene	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	***28***			
trans-1,3-Dichloropropene	0.4	ND	ND			
Trichloroethene	***5***	***320***	***61000***			
Trichlorofluoromethane	5		ND			
Vinyl chloride	2	ND	5.9			
Xylenes, Total	5	ND	ND			

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

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

Analytes: VOC's EPA Method 8260B	**WELL OW2-2**		**2020** **1st QTR**	**2nd QTR**	**3rd QTR**	**4th QTR**
	GW Std (ug/L)	Pre-ISCO	3/31/20			
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	0.6	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	***140***	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	20 JB	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	***1200***	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** 3/31/20	**2nd QTR**	**3rd QTR**	**4th QTR**
Iron (EPA Method 6010B)	300	239,000	NS			
Manganese (EPA Method 6010B)		3,640	NS			
Nitrate as N (EPA Method 9056)	10,000	210	NS			
Chemical Oxygen Demand (EPA Method 410.4)		193,000	NS			
Total Organic Carbon (EPA Method 9060A)		ND	NS			

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

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 3-31-2020 / 1120

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

Diameter of Well 2"
Well Depth (from top of PVC) 27.80
Water Depth (from top of PVC) 14.00
Length of water Column 13.80
Purge Volume: LWC x 0.17 x 3= 7.038 **Volume Purged** 7 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1120	2.21	7.40	1036	11.63	115.4	7.26	2.1

INSTRUMENT CHECK DATA: See page 1

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

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

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/31/2020 **By:** TDC / RE **Company:** EnviroTech TN

(5)

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 3-31-2020 1150

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

Diameter of Well 2"

Well Depth (from top of PVC) 28.00

Water Depth (from top of PVC) 15.57

Length of water Column 12.43

Purge Volume: LWC x 0.17 x 3= 6.3393 **Volume Purged** 6.5 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1150	2.67	7.36	1463	15.4	83.1	7.17	0.75

INSTRUMENT CHECK DATA:

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

See Pge 1

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

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/31/2020 **By:** TDK / RE **Company:** Eustis TA

(8)

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 3-31-2020 / 1140

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

Diameter of Well 2"
Well Depth (from top of PVC) 24.90
Water Depth (from top of PVC) 16.68
Length of water Column 8.22
Purge Volume: LWC x 0.17 x 3= 4.1922 **Volume Purged** 4.25 gallons.

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1140	3.18	7.32	565	37.2 *	85.6	8.06	1.38

INSTRUMENT CHECK DATA: See page 1

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

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

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS: Purge water turbid

* Collect dissolved metals just in case.

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

Date: 3/31/2020 **By:** TDK / RE **Company:** EUROFINS TA

(7)

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 3-31-2020 1130

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

Diameter of Well 2"
Well Depth (from top of PVC) 32.00
Water Depth (from top of PVC) 15.71
Length of water Column 16.29
Purge Volume: LWC x 0.17 x 3= 8.3079 **Volume Purged** 8.5 gallon

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhoe/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1130	3.64	7.48	900	23.7	102.1	6.87	0.90

INSTRUMENT CHECK DATA:

See page 1

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

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

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/31/2020 **By:** JDK / RE **Company:** Eurofins TA

(6)

FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR10-46

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 3-31-2020 / 1110

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 27.80

Water Depth (from top of PVC): 11.42

Length of water Column: 16.38

Purge Volume: LWC x 0.17 x 3= 8.3538

Volume Purged: 8.5 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1110	10.75	7.57	381	13.9	92.8	6.88	1.09

INSTRUMENT CHECK DATA:

See page 1

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS: Purge water turbid.

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

Date: 3/31/2020 By: TDK / RE Company: Eurofins TM

(4)

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 3-31-2020 / 1100

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

Diameter of Well 2"
Well Depth (from top of PVC) 28.00
Water Depth (from top of PVC) 12.50
Length of water Column 15.50
Purge Volume: LWC x 0.17 x 3= 7.905 **Volume Purged** 8 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1100	2.04	7.46	725	8.09	64.7	4.83	0.72

INSTRUMENT CHECK DATA: See page 1

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

pH 4.0 Serial #: ______
pH 7.0 Serial #: ______
pH 10.0 Serial #: ______

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

ORP Serial # ______ ______ Mv

DO Calibrated to ______ @ ______

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS: Purge water turbid.

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

Date: 3/31/2020 **By:** TDK / RE **Company:** EurofinsTA

(3)

FIELD OBSERVATIONS

Facility: Pars + Seymour

Sample Point ID: IW2-1

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 3-31-20 1030

Method of Sampling: (Bailer)

Dedicated: (YES)

Diameter of Well: 4"

Well Depth (from top of PVC): 35.80

Water Depth (from top of PVC): 16.48

Length of water Column: 19.32

Purge Volume: LWC x 0.66 x 3= 38.2536

Volume Purged: 38 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1030	3.47	6.15	1950	4.54	124.3.	7.12	1.07

Lamotte 2020 Turbidity meter

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: 1933 0172. Exp 3-21
Turbidity 1.0 Serial #: 1926 2693 Exp 2-21
Turbidity 10.0 Serial #: 192100771 Exp 12-20

YSI 55

pH 4.0 Serial #: 8GE305 Exp 5-20
pH 7.0 Serial #: 8GE54 Exp 5-20
pH 10.0 Serial #: 8GM506 Exp 2-20

Cond Serial #: 9GE1013 1,413 umhos/cm@25 C Exp 5-20

ORP Serial # 2446 240 Mv Exp 1-23

DO Calibrated to 99.2% @ 380'

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/31/2020 By: TDK / RE Company: Eurofins

(1)

FIELD OBSERVATIONS

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

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

SAMPLING INFORMATION:

Date/Time 3-31-2021 - 1045

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

Diameter of Well 4"
Well Depth (from top of PVC) 35.61
Water Depth (from top of PVC) 14.83
Length of water Column 20.78
Purge Volume: LWC x 0.66 x 3= 41.1444 **Volume Purged** 41 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)	Salinity PPT
1045	2.74	6.95	951	3.53	66.9	5.82	0.45

INSTRUMENT CHECK DATA: See Page 1

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

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

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 30's

COMMENTS AND OBSERVATIONS:

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

Date: 3/31/2021 **By:** TDK / RE **Company:** Eurofins TA

Login Sample Receipt Checklist

Client: DW Stoner and Associates, LLC

Job Number: 480-167990-1

Login Number: 167990
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1, 3.7 #2 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	DW STONER
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	