DW Stoner & Associates, LLC

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December 29, 2021

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

Re: Quarterly Monitoring for Brownfield Site #C734102

Dear Mr. Belveg,

The purpose of this letter report is to submit the results of the third quarter 2021 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) are also monitored for VOC's, once per year, in the third quarter.

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

Monitoring was conducted in accordance with the Field Sampling Plan included in the approved SMP and an SMP amendment submitted in 2020. Sampling was completed on September 28, 2021. The Groundwater Field Sampling logs are included as Attachment A.

Groundwater Monitoring Results:

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

Please contact me if you have any questions.

Very Truly Yours,

David W. Stoner, P.G.
President

## Legend:

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

| Sample ID | |
|---|---|
| | Date Sampled |
| Analyte | Concentration (ug/L) |

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

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

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

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

| BR10-46 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | ND | ND |
| TCE | 9500 | 12 |
| cis-DCE | 560 | 1.4 |

| BR10-47 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | ND | ND |
| TCE | 6500 | 6700 |
| cis-DCE | 290 | 610 |

| BR08-35 | Pre-ISCO | Sep-21 |
|---|---|---|
| CVOCs | | ND |

| BR08-34 | Pre-ISCO | Sep-21 |
|---|---|---|
| CVOCs | | ND |

| BR08-33 | Pre-ISCO | Sep-21 |
|---|---|---|
| CVOCs | | .64J |

| OB09-36 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | 140 | 11 |
| cis-DCE | 12 | ND |

| OW2-2 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | 1,200 | 12 |
| cis-DCE | 140 | 1.8 |

| OW1-4 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | 320 | 510 |
| cis-DCE | 13 | 23 |

| IW2-3 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | 6,000 | 400 |
| cis-DCE | 370 | 49 |

| BR09-39 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | ND | 3.7J |
| TCE | 290 | 370 |
| cis-DCE | 12 | 25 |

| IW2-1 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | | ND |
| TCE | 3,900 | 780 |
| cis-DCE | 210 | 140 |

| OB09-38 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | 49 | 21 |
| cis-DCE | 8 | 13 |

| BR07-31 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | | 34 |
| TCE | | 8.5 |
| cis-DCE | | 17 |

| OW1-1 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | 34 | ND |
| TCE | 2,700 | 23 |
| cis-DCE | 470 | .83J |

| MW05-21 | Pre-ISCO | Sep -21 |
|---|---|---|
| PCE | | 7.1 |
| TCE | | 1.8 |
| cis-DCE | | ND |

| MW05-10 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | 180 | NS |
| cis-DCE | 35 | NS |

| BR07-32 | Pre-ISCO | Sep-21 |
|---|---|---|
| TCE | | NS |

| BR09-37 | Pre-ISCO | Sep-21 |
|---|---|---|
| PCE | | ND |
| TCE | 78,000 | 44,000 |
| cis-DCE | ND | 3400 |

BR07-31, BR07-32, BR08-33, BR08-34, BR08-35, MW05-21, OB09-36, OW2-2, OW1-4, IW2-3, BR09-39, IW2-1, OB09-38, BR10-46, BR10-47, OW1-1, BR09-37, MW05-10, OB09-38

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

SCALE IN FEET
27.5 0 55 110

SURVEY NOTE
BASED ON A FIGURE PREPARED BY S&W REDEVELOPMENT OF NORTH AMERICA, DECEMBER 2011
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HAVENS, L.S. 47481, LAST REVISED BY HAVENS ON JUNE 22, 1994.
DATUM CORRECTIONS AND MONITORING WELL LOCATIONS BY BRYANT ASSOCIATES, P.C. ARE AS SURVEYED ON NOVEMBER 8, 2005, and January 7, 2010.

**DW Stoner & Associates LLC**
Groton, Vermont

DATE: 12/28/2021 JOB No: 1236

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

Figure 1 – Analytical Results for Chlorinated VOCs in Groundwater

X-REF: NAMES?
11/Apr/Syr/jem
J:\PROJECTS\N=xxxx\N1100\N1103 - Pass & Seymour OM&M\4th Quarter 2011 - Phase\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** | 3/29/21 | Top of PVC | 410.18 | NS | 20.0 | NS | NS |
| | 9/28/21 | Top of PVC | 410.18 | 8.87 | 20.0 | 401.31 | 10 |
| | | | | | | | |
| | | | | | | | |
| **BR07-32** | 3/29/21 | Top of PVC | 426.82 | NS | 20 | NS | NS |
| | 9/28/21 | Top of PVC | 426.82 | dry | dry | dry | dry |
| | | | | | | | |
| | | | | | | | |
| **BR08-33** | 3/29/21 | Top of PVC | 408.11 | NS | 42 | NS | NS |
| | 9/28/21 | Top of PVC | 408.11 | 11.02 | 42 | 397.09 | 5 |
| | | | | | | | |
| | | | | | | | |
| **BR08-34** | 3/29/21 | Top of PVC | 408.96 | NS | 42 | NS | NS |
| | 9/28/21 | Top of PVC | 408.96 | 10.79 | 42 | 398.17 | 5.2 |
| | | | | | | | |
| | | | | | | | |
| **BR08-35** | 3/29/21 | Top of PVC | 408.35 | NS | 31 | NS | NS |
| | 9/29/21 | Top of PVC | 408.35 | 9.60 | 31 | 398.75 | 12 |
| | | | | | | | |
| | | | | | | | |
| **BR09-37** | 3/29/21 | Top of PVC | 417.85 | 19.61 | 24.28 | 398.24 | 0.83 |
| | 9/28/21 | Top of PVC | 417.85 | 19.22 | 24.28 | 398.63 | 2.5 |
| | | | | | | | |
| | | | | | | | |
| **BRO9-39** | 3/29/21 | Top of PVC | 424.06 | NS | 30.22 | NS | NS |
| | 9/28/21 | Top of PVC | 424.06 | 18.9 | 30.22 | 405.16 | 7 |
| | | | | | | | |
| | | | | | | | |
| **BR10-46** | 3/29/21 | Top of PVC | 417.10 | 14.14 | 27 | 402.96 | 2.32 |
| | 9/28/21 | Top of PVC | 417.10 | 13.78 | 27 | 403.32 | 7.5 |
| | | | | | | | |
| | | | | | | | |
| **BR10-47** | 3/29/21 | Top of PVC | 416.67 | 14.21 | 28 | 402.46 | 2.34 |
| | 9/28/21 | Top of PVC | 416.67 | 13.74 | 28 | 402.93 | 7.5 |
| | | | | | | | |
| | | | | | | | |
| **IW2-1** | 3/29/21 | Top of PVC | 418.25 | 20.06 | 34.35 | 398.19 | 10.38 |
| | 9/28/21 | Top of PVC | 418.25 | 19.43 | 34.35 | 398.82 | 33 |
| | | | | | | | |
| | | | | | | | |

# Table 1 Groundwater Elevations Pass and Seymour

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **IW2-3** | 3/29/21 | Top of PVC | 416.62 | 18.26 | 34.60 | 398.36 | 11.45 |
| | 9/28/21 | Top of PVC | 416.62 | 17.33 | 34.60 | 399.29 | 36.5 |
| | | | | | | | |
| | | | | | | | |
| **MW05-10** | 3/29/21 | Top of PVC | 403.89 | NS | 19.25 | NS | NS |
| | 9/28/21 | Top of PVC | 403.89 | dry | 19.25 | dry | dry |
| | | | | | | | |
| | | | | | | | |
| **MW05-21** | 3/29/21 | Top of PVC | 411.46 | NS | 11.7 | NS | NS |
| | 9/28/21 | Top of PVC | 411.46 | 5.05 | 11.7 | 406.41 | 3.75 |
| | | | | | | | |
| | | | | | | | |
| **OB09-36** | 3/29/21 | Top of PVC | 414.84 | NS | 33.65 | NS | NS |
| | 9/28/21 | Top of PVC | 414.84 | 15.46 | 33.65 | 399.38 | 9.5 |
| | | | | | | | |
| | | | | | | | |
| **OB09-38** | 3/29/21 | Top of PVC | 416.68 | NS | 33.38 | NS | NS |
| | 9/28/21 | Top of PVC | 416.68 | 17.38 | 33.38 | 399.3 | 8 |
| | | | | | | | |
| | | | | | | | |
| **OW1-1** | 3/29/21 | Top of PVC | 421.40 | 20.04 | 23.05 | 401.36 | 2.34 |
| | 9/28/21 | Top of PVC | 421.40 | 16.55 | 23.05 | 404.85 | 1 |
| | | | | | | | |
| | | | | | | | |
| **OW1-4** | 3/29/21 | Top of PVC | 419.90 | 19.28 | 27.97 | 400.26 | 1.47 |
| | 9/28/21 | Top of PVC | 419.90 | 16.2 | 27.97 | 403.7 | 6 |
| | | | | | | | |
| | | | | | | | |
| **OW2-2** | 3/29/21 | Top of PVC | 416.59 | NS | 34.71 | NS | NS |
| | 9/28/21 | Top of PVC | 416.59 | 17.12 | 34.71 | 399.47 | 8.5 |
| | | | | | | | |
| | | | | | | | |

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 2021 | Time | Temp (°C) | Conductivity (mmhos/cm) | Salinity | Dissolved Oxygen (%) | pH (units) | Eh (mV) | Turbidity (NTU) | Amount Purged (gal) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| **BR07-31** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1250 | 13.55 | 2.33 | 1.2 | 15.4 | 7.24 | 117 | 8.7 | 10 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR07-32** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | dry | dry | dry | dry | dry | dry | dry | dry | dry |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR08-33** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1305 | 11.75 | 6.22 | 3.3 | 16.64 | 7.45 | 118 | 0.0 | 5 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR08-34** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1304 | 11.09 | 6.06 | 3.3 | 18.5 | 7.39 | 30 | 2.7 | 5.2 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR08-35** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1215 | 10.96 | 4.25 | 2.2 | 17.34 | 7.22 | 27 | 14.2 | 12 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR09-37** | 3/29 | 1400 | 11.2 | 3393 | 1.1 | 6.4 | 6.9 | 282.2 | 22.5 | 2.49 |
| | 9/28 | 1355 | 11.2 | 2.19 | 1.1 | 18.85 | 7.36 | 73 | 78 | 2.5 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR09-39** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1400 | 12.5 | 2.01 | 1.0 | 16.09 | 7.32 | 99 | 0.0 | 7 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR10-46** | 3/29 | 1225 | 11.0 | 3178 | 1.33 | 2.75 | 7.06 | 267.9 | 4.36 | 6.96 |
| | 9/28 | 1145 | 11.87 | 3.08 | 1.6 | 17.5 | 7.02 | 149 | 93.4 | 7.5 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **BR10-47** | 3/29 | 1150 | 11.8 | 2756 | 1.0 | 2.81 | 7.25 | 244.6 | 18.9 | 7.03 |
| | 9/28 | 1150 | 13.05 | 4.05 | 2.2 | 15.47 | 6.89 | 143 | 13.9 | 7.5 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **IW2-1** | 3/29 | 1045 | 12.9 | 3783 | 2.0 | 4.81 | 6.54 | 293.1 | 12.2 | 38 |
| | 9/28 | 1250 | 12.78 | 4.4 | 2.3 | 18.35 | 7.37 | 74 | 6.4 | 33 |
| | | | | | | | | | | |

# Table 2 Groundwater Field Parameters, Pass and Seymour

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **IW2-3** | 3/29 | 1045 | 12.3 | 3176 | 1.89 | 2.67 | 6.93 | 243.8 | 7.8 | 34.35 |
| | 9/28 | 1325 | 12.34 | 3.01 | 1.6 | 18.42 | 7.66 | 101 | 16.9 | 36.5 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **MW05-10** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | dry | dry | dry | dry | dry | dry | dry | dry | dry |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **MW05-21** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1305 | 13.22 | 3.59 | 1.9 | 15.79 | 6.77 | 132 | 2.3 | 3.75 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **OB09-36** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1115 | 10.93 | 4.18 | 2.2 | 16.84 | 6.97 | 146 | 48.8 | 9.5 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **OB09-38** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1058 | 12.45 | 49 | 2.53 | 8.4 | 6.97 | 140 | 69.6 | 8 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **OW1-1** | 3/29 | 1330 | 11.1 | 3015 | 1.39 | 6.66 | 7.31 | 137 | 22.2 | 2.0 |
| | 9/28 | 1240 | 12.21 | 4.11 | 2.2 | 15.88 | 7.32 | 97 | 16.8 | 1 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **OW1-4** | 3/29 | 1300 | 11.4 | 1040 | 0.8 | 7.22 | 7.36 | 260.4 | 4.04 | 4.44 |
| | 9/28 | 1415 | 13.11 | 1.22 | 0.6 | 15.09 | 7.36 | 88 | 17 | 6 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **OW2-2** | 3/29 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28 | 1045 | 11.04 | 2.48 | 1.3 | 16.99 | 7.16 | 129 | 184 | 8.5 |
| | | | | | | | | | | |
| | | | | | | | | | | |

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

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

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

WD- Well Decommissioned

| **Analytes: VOC's**<br>EPA Method 8260B | **WELL BR07-31** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | NS | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | NS | NS | | ND | |
| 1,1-Dichloroethane | 5 | NS | NS | | ND | |
| 1,1-Dichloroethene | 5 | NS | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | NS | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | NS | NS | | ND | |
| 1,2-Dibromoethane | | NS | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | NS | NS | | ND | |
| 1,2 -Dichloropropane | 1 | NS | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | NS | NS | | ND | |
| 2-Butanone (MEK)) | 50 | NS | NS | | ND | |
| 2-Hexanone | | NS | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | NS | NS | | ND | |
| Acetone | 50 | NS | NS | | 3.0J | |
| Benzene | 1 | NS | NS | | ND | |
| Bromodichloromethane | 50 | NS | NS | | ND | |
| Bromoform | 50 | NS | NS | | ND | |
| Bromomethane | 5 | NS | NS | | ND | |
| Carbon disulfide | | NS | NS | | ND | |
| Carbon tetrachloride | 5 | NS | NS | | ND | |
| Chlorobenzene | 5 | NS | NS | | ND | |
| Chloroethane | 5 | NS | NS | | ND | |
| Chloroform | 7 | NS | NS | | ND | |
| Chloromethane | | NS | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | NS | **NS** | | ***17*** | |
| Cis-1,3-Dichloropropene | 0.4 | NS | NS | | ND | |
| Cyclohexane | | NS | NS | | ND | |
| Dibromochloromethane | | NS | NS | | ND | |
| Dichlorodifluoromethane | 5 | NS | NS | | ND | |
| Ethylbenzene | 5 | NS | NS | | ND | |
| Isoproylbenzene | 5 | NS | NS | | ND | |
| Methyl acetate | | NS | NS | | ND | |
| Methyl tert-butyl ether | 10 | NS | NS | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylcyclohexane | | NS | NS | | ND | |
| Methylene chloride | 5 | NS | NS | | ND | |
| Styrene | 5 | NS | NS | | ND | |
| Tetrachloroethene | 5 | NS | NS | | ***34*** | |
| Toluene | 5 | NS | NS | | ND | |
| trans-1,2-Dichloroethene | 5 | NS | NS | | ND | |
| trans-1,3-Dichloropropene | 0.4 | NS | NS | | ND | |
| Trichloroethene | 5 | NS | NS | | ***8.5*** | |
| Trichlorofluoromethane | 5 | NS | NS | | ND | |
| Vinyl chloride | 2 | NS | NS | | ND | |
| Xylenes, Total | 5 | NS | NS | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | NS | NS | | 110 | |
| Manganese (EPA Method 6010B) | | NS | NS | | 160 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | NS | NS | | 12,400 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | NS | NS | | ND | |
| Total Organic Carbon (EPA Method 9060A | | NS | NS | | 2,100 | |

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

# Table 3 – Pass & Seymour 2021 Post-ISCO Groundwater Sample Analytical Results

| **Analytes: VOC's** EPA Method 8260B | **WELL BR07-32** | | **2021 1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | NS | NS | | NS | |
| 1,1,2,2-Tetrachloroethane | 5 | NS | NS | | NS | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | NS | NS | | N | |
| 1,1,2-Trichloroethane | 1 | NS | NS | | NS | |
| 1,1-Dichloroethane | 5 | NS | NS | | NS | |
| 1,1-Dichloroethene | 5 | NS | NS | | NS | |
| 1,2, 4-Trichlorobenzene | 5 | NS | NS | | NS | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | NS | NS | | NS | |
| 1,2-Dibromoethane | | NS | NS | | NS | |
| 1,2-Dichlorobenzene | 3 | NS | NS | | NS | |
| 1,2-Dichloroethane | 0.6 | NS | NS | | NS | |
| 1,2 -Dichloropropane | 1 | NS | NS | | NS | |
| 1,3-Dichlorobenzene | 3 | NS | NS | | NS | |
| 1,4-Dichlorobenzene | 3 | NS | NS | | NS | |
| 2-Butanone (MEK)) | 50 | NS | NS | | NS | |
| 2-Hexanone | | NS | NS | | NS | |
| 4-Methyl-2-pentanone (MIBK) | | NS | NS | | NS | |
| Acetone | 50 | NS | NS | | NS | |
| Benzene | 1 | NS | NS | | NS | |
| Bromodichloromethane | 50 | NS | NS | | NS | |
| Bromoform | 50 | NS | NS | | NS | |
| Bromomethane | 5 | NS | NS | | NS | |
| Carbon disulfide | | NS | NS | | NS | |
| Carbon tetrachloride | 5 | NS | NS | | NS | |
| Chlorobenzene | 5 | NS | NS | | NS | |
| Chloroethane | 5 | NS | NS | | NS | |
| Chloroform | 7 | NS | NS | | NS | |
| Chloromethane | | NS | NS | | NS | |
| cis-1,2-Dichloroethene | 5 | NS | NS | | NS | |
| Cis-1,3-Dichloropropene | 0.4 | NS | NS | | NS | |
| Cyclohexane | | NS | NS | | NS | |
| Dibromochloromethane | | NS | NS | | NS | |
| Dichlorodifluoromethane | 5 | NS | NS | | NS | |
| Ethylbenzene | 5 | NS | NS | | NS | |
| Isoproylbenzene | 5 | NS | NS | | NS | |
| Methyl acetate | | NS | NS | | NS | |
| Methyl tert-butyl ether | 10 | NS | NS | | NS | |
| Methylcyclohexane | | NS | NS | | NS | |
| Methylene chloride | 5 | NS | NS | | NS | |
| Styrene | 5 | NS | NS | | NS | |

# Table 3 – Pass & Seymour 2021 Post-ISCO Groundwater Sample Analytical Results

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

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | NS | NS | | NS | |
| Manganese (EPA Method 6010B) | | NS | NS | | NS | |
| Nitrate as N (EPA Method 9056) | 10,000 | NS | NS | | NS | |
| Chemical Oxygen Demand (EPA Method 410.4) | | NS | NS | | NS | |
| Total Organic Carbon (EPA Method 9060A) | | NS | NS | | NS | |

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

| **Analytes: VOC's**<br>EPA Method 8260B | **WELL BR08-33** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | NS | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | NS | NS | | ND | |
| 1,1-Dichloroethane | 5 | NS | NS | | ND | |
| 1,1-Dichloroethene | 5 | NS | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | NS | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | NS | NS | | ND | |
| 1,2-Dibromoethane | | NS | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | NS | NS | | MD | |
| 1,2 -Dichloropropane | 1 | NS | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | NS | NS | | ND | |
| 2-Butanone (MEK)) | 50 | NS | NS | | ND | |
| 2-Hexanone | | NS | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | NS | NS | | ND | |
| Acetone | 50 | NS | NS | | ND | |
| Benzene | 1 | NS | NS | | ND | |
| Bromodichloromethane | 50 | NS | NS | | ND | |
| Bromoform | 50 | NS | NS | | ND | |
| Bromomethane | 5 | NS | NS | | ND | |
| Carbon disulfide | | NS | NS | | ND | |
| Carbon tetrachloride | 5 | NS | NS | | ND | |
| Chlorobenzene | 5 | NS | NS | | ND | |
| Chloroethane | 5 | NS | NS | | ND | |
| Chloroform | 7 | NS | NS | | ND | |
| Chloromethane | | NS | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | NS | NS | | ND | |
| Cis-1,3-Dichloropropene | 0.4 | NS | NS | | ND | |
| Cyclohexane | | NS | NS | | ND | |
| Dibromochloromethane | | NS | NS | | ND | |
| Dichlorodifluoromethane | 5 | NS | NS | | ND | |
| Ethylbenzene | 5 | NS | NS | | ND | |
| Isoproylbenzene | 5 | NS | NS | | ND | |
| Methyl acetate | | NS | NS | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 10 | NS | NS | | ND | |
| Methylcyclohexane | | NS | NS | | ND | |
| Methylene chloride | 5 | NS | NS | | ND | |
| Styrene | 5 | NS | NS | | ND | |
| Tetrachloroethene | 5 | NS | NS | | ND | |
| Toluene | 5 | NS | NS | | ND | |
| trans-1,2-Dichloroethene | 5 | NS | NS | | ND | |
| trans-1,3-Dichloropropene | 0.4 | NS | NS | | ND | |
| Trichloroethene | 5 | NS | NS | | .64 J | |
| Trichlorofluoromethane | 5 | NS | NS | | ND | |
| Vinyl chloride | 2 | NS | NS | | ND | |
| Xylenes, Total | 5 | NS | NS | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | NS | NS | | 45 | |
| Manganese (EPA Method 6010B) | | NS | NS | | 25 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | NS | NS | | 1,900 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | NS | NS | | 9,100 J | |
| Total Organic Carbon (EPA Method 9060A) | | NS | NS | | ND | |

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

| **Analytes: VOC's**<br>EPA Method 8260B | **WELL BR08-34** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | NS | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | NS | NS | | ND | |
| 1,1-Dichloroethane | 5 | NS | NS | | ND | |
| 1,1-Dichloroethene | 5 | NS | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | NS | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | NS | NS | | ND | |
| 1,2-Dibromoethane | | NS | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | NS | NS | | ND | |
| 1,2 -Dichloropropane | 1 | NS | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | NS | NS | | ND | |
| 2-Butanone (MEK)) | 50 | NS | NS | | ND | |
| 2-Hexanone | | NS | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | NS | NS | | ND | |
| Acetone | 50 | NS | NS | | ND | |
| Benzene | 1 | NS | NS | | ND | |
| Bromodichloromethane | 50 | NS | NS | | ND | |
| Bromoform | 50 | NS | NS | | ND | |
| Bromomethane | 5 | NS | NS | | ND | |
| Carbon disulfide | | NS | NS | | ND | |
| Carbon tetrachloride | 5 | NS | NS | | ND | |
| Chlorobenzene | 5 | NS | NS | | ND | |
| Chloroethane | 5 | NS | NS | | ND | |
| Chloroform | 7 | NS | NS | | ND | |
| Chloromethane | | NS | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | NS | NS | | ND | |
| Cis-1,3-Dichloropropene | 0.4 | NS | NS | | ND | |
| Cyclohexane | | NS | NS | | ND | |
| Dibromochloromethane | | NS | NS | | ND | |
| Dichlorodifluoromethane | 5 | NS | NS | | ND | |
| Ethylbenzene | 5 | NS | NS | | ND | |
| Isoproylbenzene | 5 | NS | NS | | ND | |
| Methyl acetate | | NS | NS | | ND | |
| Methyl tert-butyl ether | 10 | NS | NS | | ND | |
| Methylcyclohexane | | NS | NS | | ND | |

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

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | NS | NS | | 430 | |
| Manganese (EPA Method 6010B) | | NS | NS | | 55 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | NS | NS | | 1,900 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | NS | NS | | ND | |
| Total Organic Carbon (EPA Method 9060A) | | NS | NS | | 500 J | |

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**<br>EPA Method 8260B | **WELL BR08-35** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | NS | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | NS | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | NS | NS | | ND | |
| 1,1-Dichloroethane | 5 | NS | NS | | ND | |
| 1,1-Dichloroethene | 5 | NS | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | NS | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | NS | NS | | ND | |
| 1,2-Dibromoethane | | NS | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | NS | NS | | ND | |
| 1,2 -Dichloropropane | 1 | NS | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | NS | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | NS | NS | | ND | |
| 2-Butanone (MEK)) | 50 | NS | NS | | ND | |
| 2-Hexanone | | NS | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | NS | NS | | ND | |
| Acetone | 50 | NS | NS | | ND | |
| Benzene | 1 | NS | NS | | ND | |
| Bromodichloromethane | 50 | NS | NS | | ND | |
| Bromoform | 50 | NS | NS | | ND | |
| Bromomethane | 5 | NS | NS | | ND | |
| Carbon disulfide | | NS | NS | | ND | |
| Carbon tetrachloride | 5 | NS | NS | | ND | |
| Chlorobenzene | 5 | NS | NS | | ND | |
| Chloroethane | 5 | NS | NS | | ND | |
| Chloroform | 7 | NS | NS | | ND | |
| Chloromethane | | NS | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | NS | NS | | ND | |
| Cis-1,3-Dichloropropene | 0.4 | NS | NS | | ND | |
| Cyclohexane | | NS | NS | | ND | |
| Dibromochloromethane | | NS | NS | | ND | |
| Dichlorodifluoromethane | 5 | NS | NS | | ND | |
| Ethylbenzene | 5 | NS | NS | | ND | |
| Isoproylbenzene | 5 | NS | NS | | ND | |
| Methyl acetate | | NS | NS | | ND | |
| Methyl tert-butyl ether | 10 | NS | NS | | ND | |
| Methylcyclohexane | | NS | NS | | ND | |

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

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | NS | NS | | 6,000 | |
| Manganese (EPA Method 6010B) | | NS | NS | | 600 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | NS | NS | | 1,100 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | NS | NS | | 57,300 | |
| Total Organic Carbon (EPA Method 9060A) | | NS | NS | | 1,200 | |

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**<br>EPA Method 8260B | **WELL BR09-37** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | ND | ND | | 41 J | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | ND | | ND | |
| D1,1,2-Trichloro-1,ND2,2trifluoroethane | 5 | | ND | | ND | |
| ND1,1,2-Trichloroethane | 1 | ND | ND | | ND | |
| 1,1-Dichloroethane | 5 | ND | ND | | 19 J | |
| 1,1-Dichloroethene | 5 | ND | ND | | 26 J | |
| 1,2, 4-Trichlorobenzene | 5 | | ND | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | ND | | ND | |
| 1,2-Dibromoethane | | | ND | | ND | |
| 1,2-Dichlorobenzene | 3 | | ND | | ND | |
| 1,2-Dichloroethane | 0.06 | ND | ND | | ND | |
| 1,2 -Dichloropropane | 1 | ND | ND | | ND | |
| 1,3-Dichlorobenzene | 3 | | ND | | ND | |
| 1,4-Dichlorobenzene | 3 | | ND | | ND | |
| 2-Butanone (MEK)) | 50 | ND | ND | | ND | |
| 2-Hexanone | | | ND | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | ND | | ND | |
| Acetone | 50 | ND | ND | | ND | |
| Benzene | 1 | ND | ND | | ND | |
| Bromodichloromethane | 50 | ND | ND | | ND | |
| Bromoform | 50 | ND | ND | | ND | |
| Bromomethane | 5 | ND | ND | | ND | |
| Carbon disulfide | | | ND | | ND | |
| Carbon tetrachloride | 5 | ND | ND | | ND | |
| Chlorobenzene | 5 | ND | ND | | ND | |
| Chloroethane | 5 | ND | ND | | ND | |
| Chloroform | 7 | ND | ND | | ND | |
| Chloromethane | | ND | ND | | ND | |
| cis-1,2-Dichloroethene | 5 | **ND** | ***470*** | | ***3400*** | |
| Cis-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | ND | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |
| Methylene chloride | 5 | ND | ***22 J*** | | ***58*** | |
| Styrene | 5 | ND | ND | | ND | |
| Tetrachloroethene | 5 | ND | ND | | ND | |
| Toluene | 5 | ND | ND | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | ND | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Trichloroethene | ***5*** | ***7,800*** | ***1800*** | | ***44000*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | ND | ND | | ND | |
| Xylenes, Total | 5 | ND | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 17,000 | 36,700 | | 2,600 | |
| Manganese (EPA Method 6010B) | | NS | 3,400 | | 2,300 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 2,100 | 2,800 | | 960 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | 9,400 | 36,400 | | 22,400 | |
| Total Organic Carbon (EPA Method 9060A) | NS | ND | 1,300 | | 1,800 | |

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**<br>EPA Method 8260B | **WELL BR09-39** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 1,1,1-Trichloroethane | 5 | ND | 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 | ND | NS | | ND | |
| 1,1-Dichloroethane | 5 | ND | NS | | ND | |
| 1,1-Dichloroethene | 5 | ND | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | NS | | ND | |
| 1,2-Dibromoethane | | | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | ND | NS | | ND | |
| 1,2 -Dichloropropane | 1 | ND | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | | NS | | ND | |
| 2-Butanone (MEK)) | 50 | ND | NS | | ND | |
| 2-Hexanone | | | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | NS | | ND | |
| Acetone | 50 | ND | NS | | ND | |
| Benzene | 1 | ND | NS | | ND | |
| Bromodichloromethane | 50 | ND | NS | | ND | |
| Bromoform | 50 | ND | NS | | ND | |
| Bromomethane | 5 | ND | NS | | ND | |
| Carbon disulfide | | | NS | | ND | |
| Carbon tetrachloride | 5 | ND | NS | | ND | |
| Chlorobenzene | 5 | ND | NS | | ND | |
| Chloroethane | 5 | ND | NS | | ND | |
| Chloroform | 7 | ND | NS | | ND | |
| Chloromethane | | ND | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | ***12*** | NS | | ***26*** | |
| cis-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Cyclohexane | | | NS | | ND | |
| Dibromochloromethane | | | NS | | ND | |
| Dichlorodifluoromethane | 5 | | NS | | ND | |
| Ethylbenzene | 5 | ND | NS | | ND | |
| Isoproylbenzene | 5 | | NS | | ND | |
| Methyl acetate | | | NS | | ND | |
| Methyl tert-butyl ether | 10 | | NS | | ND | |
| Methylcyclohexane | | | NS | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | ND | NS | | ND | |
| Styrene | 5 | ND | NS | | ND | |
| Tetrachloroethene | 5 | ND | NS | | 3.7J | |
| Toluene | 5 | ND | NS | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | NS | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Trichloroethene | ***5*** | ***290*** | NS | | ***370*** | |
| Trichlorofluoromethane | 5 | | NS | | ND | |
| Vinyl chloride | 2 | ND | NS | | ND | |
| Xylenes, Total | 5 | ND | NS | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2ndQTR** | **3rdQTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 132 | NS | | 37 | |
| Manganese (EPA Method 6010B) | | | NS | | 9.6 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 10,400 | NS | | 3,600 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | 4,300 | NS | | ND | |
| Total Organic Carbon (EPA Method 9060A) | | ND | NS | | 980 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**<br>EPA Method 8260B | **WELL BR10-46** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/29/21 | |
| 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 | | ***740*** | | 1.4 | |
| cis-1,3-Dichloropropene | 0.4 | | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |
| Methylene chloride | 5 | | ND | | 7.9 | |
| 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*** | | ***6500*** | | ***12*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | | ND | | ND | |
| Xylenes, Total | 5 | | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/29/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | | 24 | | 2.400 | |
| Manganese (EPA Method 6010B) | | | 360 | | 3,800 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | | 1,500 | | 3,400 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | | 20,100 | | 25,500 | |
| Total Organic Carbon (EPA Method 9060A) | | | 1,400 | | 1,300 | |

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**<br>EPA Method 8260B | **WELL BR10-47** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | | 1.3 | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | | ND | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | | 0.48 j | | ND | |
| 1,1,2-Trichloroethane | 1 | | ND | | ND | |
| 1,1-Dichloroethane | 5 | | 0.82 J | | ND | |
| 1,1-Dichloroethene | 5 | | 1.2 | | 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 | | ***77*** | | ***610*** | |
| cis-1,3-Dichloropropene | 0.4 | | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | | ND | | ND | |
| Styrene | 5 | | ND | | ND | |
| Tetrachloroethene | 5 | | .69 J | | ND | |
| Toluene | 5 | | ND | | ND | |
| trans-1,2-Dichloroethene | 5 | | 1.2 | | ND | |
| trans-1,3-Dichloropropene | 0.4 | | ND | | ND | |
| Trichloroethene | 5 | | ***890*** | | ***6700*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | | ND | | ND | |
| Xylenes, Total | 5 | | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1ST QTR** 3/29/21 | 2nd QTR | 3rd QTR 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | | 620 | | 450 | |
| Manganese (EPA Method 6010B) | | | 5,000 | | 490 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | | 1,400 | | 1,900 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | | 22,000 | | 44,000 | |
| Total Organic Carbon (EPA Method 9060A) | | | 850 J | | 3,200 | |

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**<br>EPA Method 8260B | **WELL IW2-1** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | 1.0 | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | ND | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | | 0.41 | | ND | |
| 1,1,2-Trichloroethane | 1 | ND | ND | | ND | |
| 1,1-Dichloroethane | 5 | ND | 1.1 | | ND | |
| 1,1-Dichloroethene | 5 | ND | 2.3 | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | ND | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | ND | | ND | |
| 1,2-Dibromoethane | | | ND | | ND | |
| 1,2-Dichlorobenzene | 3 | | ND | | ND | |
| 1,2-Dichloroethane | 0.6 | ND | ND | | ND | |
| 1,2 -Dichloropropane | 1 | ND | ND | | ND | |
| 1,3-Dichlorobenzene | 3 | | ND | | ND | |
| 1,4-Dichlorobenzene | 3 | | ND | | ND | |
| 2-Butanone (MEK)) | 50 | ND | ND | | ND | |
| 2-Hexanone | | | ND | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | ND | | ND | |
| Acetone | 50 | ND | ND | | ND | |
| Benzene | 1 | ND | ND | | ND | |
| Bromodichloromethane | 50 | ND | ND | | ND | |
| Bromoform | 50 | ND | ND | | ND | |
| Bromomethane | 5 | ND | ND | | ND | |
| Carbon disulfide | | | ND | | ND | |
| Carbon tetrachloride | 5 | | ND | | ND | |
| Chlorobenzene | 5 | ND | ND | | ND | |
| Chloroethane | 5 | ND | ND | | ND | |
| Chloroform | 7 | ND | ND | | ND | |
| Chloromethane | | ND | ND | | ND | |
| cis-1,2-Dichloroethene | 5 | ***210*** | ***180*** | | ***140*** | |
| Cis-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | ND | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |
| Methylene chloride | 5 | 39 J | ND | | ND | |
| Styrene | 5 | ND | ND | | ND | |
| Tetrachloroethene | 5 | ND | 1.5 | | ND | |
| Toluene | 5 | ND | ND | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | 2.0 | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Trichloroethene | ***5*** | ***3,900*** | ***1000 F1*** | | ***780*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | ND | ND | | ND | |
| Xylenes, Total | 5 | ND | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1ST QTR** 3/29/21 | **2ndQTR** | **3rdQTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 1,610 | 100 | | 730 | |
| Manganese (EPA Method 6010B) | | | 550 | | 600 | |
| Nitrate as N (EPA Method 9056) | 10,000 | 440 | 200 | | 270 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | 5,800 | 19,300 F! | | 32,000 | |
| Total Organic Carbon (EPA Method 9060A) | | ND | 710 J | | 1,400 | |

All values reported as ug/L
ND – Analyzed for but NOT DETECTED
J – Includes an estimated value
E-Result Exceeded calibration range
F1- MS and/or MSD recovery exceeds control 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**<br>EPA Method 8260B | **WELL IW2-3** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | ND | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | | ND | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | ND | ND | | ND | |
| 1,1,2-Trichloroethane | 1 | ND | ND | | ND | |
| 1,1-Dichloroethane | 5 | ND | ND | | ND | |
| 1,1-Dichloroethene | 5 | ND | ND | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | ND | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | ND | | ND | |
| 1,2-Dibromoethane | | | ND | | ND | |
| 1,2-Dichlorobenzene | 3 | | ND | | ND | |
| 1,2-Dichloroethane | 0.6 | ND | ND | | ND | |
| 1,2 -Dichloropropane | 1 | ND | ND | | ND | |
| 1,3-Dichlorobenzene | 3 | | ND | | ND | |
| 1,4-Dichlorobenzene | 3 | | ND | | ND | |
| 2-Butanone (MEK)) | 50 | ND | ND | | ND | |
| 2-Hexanone | | | ND | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | 110 | ND | | ND | |
| Acetone | 50 | ND | ND | | ND | |
| Benzene | 1 | ND | ND | | ND | |
| Bromodichloromethane | 50 | ND | ND | | ND | |
| Bromoform | 50 | ND | ND | | ND | |
| Bromomethane | 5 | ND | ND | | ND | |
| Carbon disulfide | | | ND | | ND | |
| Carbon tetrachloride | 5 | ND | ND | | ND | |
| Chlorobenzene | 5 | ND | ND | | ND | |
| Chloroethane | 5 | ND | ND | | ND | |
| Chloroform | 7 | ND | ND | | ND | |
| Chloromethane | | ND | ND | | ND | |
| cis-1,2-Dichloroethene | 5 | ***370*** | ***210*** | | ***49*** | |
| Cis-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | ND | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | 110 J | ND | | ***17*** | |
| Styrene | 5 | ND | ND | | ND | |
| Tetrachloroethene | 5 | ND | ND | | ND | |
| Toluene | 5 | ND | ND | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | ND | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Trichloroethene | 5 | ***6,000*** | ***2,000*** | | ***400*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | ND | ND | | ND | |
| Xylenes, Total | 5 | ND | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1ST QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 4,870 | 56 | | 520 | |
| Manganese (EPA Method 6010B) | 300 | 473 | 730 | | 600 | |
| Nitrate as N (EPA Method 9056) | 10,000 | 750 | 950 | | 1,700 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | 7,100 | 21,100 | | 34,700 | |
| Total Organic Carbon (EPA Method 9060A) | | ND | 740 J | | 3,300 | |

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

| **Analytes: VOC's**<br>EPA Method 8260B | **WELL MW05-10** | | **2020 1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/31/20 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | NS | | NS | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | NS | | NS | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | ND | NS | | NS | |
| 1,1,2-Trichloroethane | 1 | ***180*** | NS | | NS | |
| 1,1-Dichloroethane | 5 | ND | NS | | NS | |
| 1,1-Dichloroethene | 5 | ***35*** | NS | | NS | |
| 1,2, 4-Trichlorobenzene | 5 | ND | NS | | NS | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | NS | | NS | |
| 1,2-Dibromoethane | | | NS | | NS | |
| 1,2-Dichlorobenzene | 3 | | NS | | NS | |
| 1,2-Dichloroethane | 0.06 | ND | NS | | NS | |
| 1,2 -Dichloropropane | 1 | | NS | | NS | |
| 1,3 Dichlorobenzene | 3 | | NS | | NS | |
| 1,4-Dichlorobenzene | 3 | | NS | | NS | |
| 2-Butanone (MEK)) | 50 | 1.4 J | NS | | NS | |
| 2-Hexanone | | | NS | | NS | |
| 4-Methyl-2-pentanone (MIBK) | | | NS | | NS | |
| Acetone | 50 | 6.3 J | NS | | NS | |
| Benzene | 1 | | NS | | NS | |
| Bromodichloromethane | 50 | ND | NS | | NS | |
| Bromoform | 50 | ND | NS | | NS | |
| Bromomethane | 5 | | NS | | NS | |
| Carbon disulfide | | | NS | | NS | |
| Carbon tetrachloride | 5 | ND | NS | | NS | |
| Chlorobenzene | 5 | | NS | | NS | |
| Chloroethane | 5 | | NS | | NS | |
| Chloroform | 7 | ND | NS | | NS | |
| Chloromethane | | | NS | | NS | |
| cis-1,2-Dichloroethene | **5** | ***35*** | NS | | NS | |
| cis-1,3-Dichloropropene | 0.4 | ND | NS | | NS | |
| Cyclohexane | | | NS | | NS | |
| Dibromochloromethane | | | NS | | NS | |
| Dichlorodifluoromethane | 5 | ND | NS | | NS | |
| Ethylbenzene | 5 | ND | NS | | NS | |
| Isoproylbenzene | 5 | | NS | | NS | |
| Methyl acetate | | | NS | | NS | |
| Methyl tert-butyl ether | 10 | | NS | | NS | |
| Methylcyclohexane | | | NS | | NS | |

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

| **Other Analytes:** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/31/20 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | *3630* | NS | | NS | |
| Manganese (EPA Method 6010B) | | | NS | | NS | |
| Nitrate as N (EPA Method 9056) | 10,000 | 3,000 | NS | | NS | |
| Chemical Oxygen Demand (EPA Method 410.4) | NS | 8,100J | NS | | NS | |
| Total Organic Carbon (EPA Method 9060A) | NS | 1,800 | NS | | NS | |

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

| **Analytes: VOC's**<br>EPA Method 8260B | **WELL MW05-21** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | | NS | | ND | |
| 1,1-Dichloroethane | 5 | | NS | | ND | |
| 1,1-Dichloroethene | 5 | | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | NS | | ND | |
| 1,2-Dibromoethane | | | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | | NS | | ND | |
| 1,2-Dichloroethane | 0.06 | | NS | | ND | |
| 1,2 -Dichloropropane | 1 | | NS | | ND | |
| 1,3 Dichlorobenzene | 3 | | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | | NS | | ND | |
| 2-Butanone (MEK)) | 50 | | NS | | ND | |
| 2-Hexanone | | | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | | NS | | ND | |
| Acetone | 50 | | NS | | ND | |
| Benzene | 1 | | NS | | ND | |
| Bromodichloromethane | 50 | | NS | | ND | |
| Bromoform | 50 | | NS | | ND | |
| Bromomethane | 5 | | NS | | ND | |
| Carbon disulfide | | | NS | | ND | |
| Carbon tetrachloride | 5 | | NS | | ND | |
| Chlorobenzene | 5 | | NS | | ND | |
| Chloroethane | 5 | | NS | | ND | |
| Chloroform | 7 | | NS | | ND | |
| Chloromethane | | | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | | NS | | ND | |
| 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 | | ***7.1*** | |
| Toluene | 5 | | NS | | ND | |
| trans-1,2-Dichloroethene | 5 | | NS | | ND | |
| Trans-1,3-Dichloropropene | 0.4 | | NS | | ND | |
| Trichloroethene | 5 | | NS | | ***1.8*** | |
| Trichlorofluoromethane | 5 | | NS | | ND | |
| Vinyl chloride | 2 | | NS | | ND | |
| Xylenes, Total | 5 | | NS | | ND | |

| **Other Analytes:** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | | NS | | 310 | |
| Manganese (EPA Method 6010B) | | | NS | | 1,000 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | | NS | | 61,900 | |
| Chemical Oxygen Demand (EPA Method 410.4) | NS | | NS | | 14,800 | |
| Total Organic Carbon (EPA Method 9060A) | NS | | NS | | 9,200 | |

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**<br>EPA Method 8260B | **WELL OB09-36** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | ND | NS | | ND | |
| 1,1-Dichloroethane | 5 | ND | NS | | ND | |
| 1,1-Dichloroethene | 5 | ND | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | NS | | ND | |
| 1,2-Dibromoethane | | | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | ND | NS | | ND | |
| 1,2 -Dichloropropane | 1 | ND | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | | NS | | ND | |
| 2-Butanone (MEK)) | 50 | ND | NS | | ND | |
| 2-Hexanone | | | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | ND | ND | NS | | ND | |
| Acetone | 50 | ND | NS | | ND | |
| Benzene | 1 | ND | NS | | ND | |
| Bromodichloromethane | 50 | ND | NS | | ND | |
| Bromoform | 50 | ND | NS | | ND | |
| Bromomethane | 5 | ND | NS | | ND | |
| Carbon disulfide | | | NS | | ND | |
| Carbon tetrachloride | 5 | ND | NS | | ND | |
| Chlorobenzene | 5 | ND | NS | | ND | |
| Chloroethane | 5 | ND | NS | | ND | |
| Chloroform | 7 | ND | NS | | ND | |
| Chloromethane | | ND | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | ***12*** | NS | | *ND* | |
| cis-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Cyclohexane | | | NS | | ND | |
| Dibromochloromethane | | | NS | | ND | |
| Dichlorodifluoromethane | 5 | | NS | | ND | |
| Ethylbenzene | 5 | ND | NS | | ND | |
| Isoproylbenzene | 5 | | NS | | ND | |
| Methyl acetate | | | NS | | ND | |
| Methyl tert-butyl ether | 10 | | NS | | ND | |
| Methylcyclohexane | | | NS | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | 3.2 J | NS | | ND | |
| Styrene | 5 | ND | NS | | ND | |
| Tetrachloroethene | 5 | ND | NS | | ND | |
| Toluene | 5 | ND | NS | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | NS | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Trichloroethene | ***5*** | ***149*** | NS | | ***11*** | |
| Trichlorofluoromethane | 5 | | NS | | ND | |
| Vinyl chloride | 2 | ND | NS | | ND | |
| Xylenes, Total | 5 | ND | NS | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 1,610 | NS | | 1,100 | |
| Manganese (EPA Method 6010B) | | | NS | | 94 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 440 | NS | | 3,600 | |
| Chemical Oxygen Demand (EPA Method 410.4) | NS | 5,800 | NS | | 17,700 | |
| Total Organic Carbon (EPA Method 9060A) | NS | ND | NS | | 1,600 | |

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**<br>EPA Method 8260B | **WELL OB09-38** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | ND | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | ND | NS | | ND | |
| 1,1-Dichloroethane | 5 | ND | NS | | ND | |
| 1,1-Dichloroethene | 5 | ND | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | NS | | ND | |
| 1,2-Dibromoethane | | | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | ND | NS | | ND | |
| 1,2 -Dichloropropane | 1 | ND | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | | NS | | ND | |
| 2-Butanone (MEK)) | 50 | | NS | | ND | |
| 2-Hexanone | | | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | NS | | ND | |
| Acetone | 50 | ND | NS | | ND | |
| Benzene | 1 | ND | NS | | ND | |
| Bromodichloromethane | 50 | ND | NS | | ND | |
| Bromoform | 50 | ND | NS | | ND | |
| Bromomethane | 5 | ND | NS | | ND | |
| Carbon disulfide | | | NS | | ND | |
| Carbon tetrachloride | 5 | ND | NS | | ND | |
| Chlorobenzene | 5 | ND | NS | | ND | |
| Chloroethane | 5 | ND | NS | | ND | |
| Chloroform | 7 | ND | NS | | ND | |
| Chloromethane | | | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | ***8*** | NS | | ***13*** | |
| Cis-1,3-Dichloropropene | 0.4 | ND | NS | | ***ND*** | |
| Cyclohexane | | | NS | | ND | |
| Dibromochloromethane | | | NS | | ND | |
| Dichlorodifluoromethane | 5 | | NS | | ND | |
| Ethylbenzene | 5 | ND | NS | | ND | |
| Isoproylbenzene | 5 | | NS | | ND | |
| Methyl acetate | | | NS | | ND | |
| Methyl tert-butyl ether | 10 | | NS | | ND | |
| Methylcyclohexane | | | NS | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | ND | NS | | ND | |
| Styrene | 5 | ND | NS | | ND | |
| Tetrachloroethene | 5 | ND | NS | | ND | |
| Toluene | 5 | ND | NS | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | NS | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Trichloroethene | ***5*** | ***49*** | NS | | ***21*** | |
| Trichlorofluoromethane | 5 | | NS | | ND | |
| Vinyl chloride | 2 | ND | NS | | ND | |
| Xylenes, Total | 5 | ND | NS | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 38,700 | NS | | 6,400 | |
| Manganese (EPA Method 6010B) | | | NS | | 1,100 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 94 | NS | | 160 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | 3,900 | NS | | 27,000 | |
| Total Organic Carbon (EPA Method 9060A) | NS | ND | NS | | 1,600 | |

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**<br>EPA Method 8260B | **WELL OW1-1** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | **5** | ND | ***60*** | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | ND | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | | ND | | ND | |
| 1,1,2-Trichloroethane | 1 | ND | ND | | ND | |
| 1,1-Dichloroethane | 5 | ND | ND | | ND | |
| 1,1-Dichloroethene | 5 | ND | ***45*** | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | ND | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | ND | | ND | |
| 1,2-Dibromoethane | | | ND | | ND | |
| 1,2-Dichlorobenzene | 3 | | ND | | ND | |
| 1,2-Dichloroethane | 0.06 | ND | ND | | ND | |
| 1,2 -Dichloropropane | 1 | ND | ND | | ND | |
| 1,3-Dichlorobenzene | 3 | | ND | | ND | |
| 1,4-Dichlorobenzene | 3 | | ND | | ND | |
| 2-Butanone (MEK)) | 50 | ND | ND | | ND | |
| 2-Hexanone | | | ND | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | ND | | ND | |
| Acetone | 50 | ND | ND | | ND | |
| Benzene | 1 | ND | ND | | ND | |
| Bromodichloromethane | 50 | ND | ND | | ND | |
| Bromoform | 50 | ND | ND | | ND | |
| Bromomethane | 5 | ND | ND | | ND | |
| Carbon disulfide | | | ND | | ND | |
| Carbon tetrachloride | 5 | ND | ND | | ND | |
| Chlorobenzene | 5 | ND | ND | | ND | |
| Chloroethane | 5 | ND | ND | | ND | |
| Chloroform | 7 | ND | ND | | ND | |
| Chloromethane | | ND | ND | | ND | |
| cis-1,2-Dichloroethene | ***5*** | ***470*** | ***2900*** | | ***.83 J*** | |
| Cis-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | ND | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | *I70 J* | ND | | ND | |
| Styrene | 5 | ND | ND | | ND | |
| Tetrachloroethene | ***5*** | ***34*** | ND | | ND | |
| Toluene | 5 | ND | ND | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | ND | | ND | |
| trans-1,3-Dichloropropene | 0.4 | | ND | | ND | |
| Trichloroethene | ***5*** | ***2700*** | ***30,000*** | | ***23*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | ND | ND | | ND | |
| Xylenes, Total | 5 | ND | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 751 | 40,900 | | 10,600 | |
| Manganese (EPA Method 6010B) | | | 31,000 | | 120 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 1,900 | 1,200 | | 2.900 | |
| Chemical Oxygen Demand (EPA Method 410.4) | NS | 5,600J | 18,900 | | 21,100 | |
| Total Organic Carbon (EPA Method ) | NS | ND | 1,600 | | 1,400 | |

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**<br>EPA Method 8260B | **WELL OW1-4** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | ND | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | ND | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | | ND | | ND | |
| 1,1,2-Trichloroethane | 1 | | ND | | ND | |
| 1,1-Dichloroethane | 5 | ND | ND | | ND | |
| 1,1-Dichloroethene | 5 | ND | ND | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | | ND | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | | ND | | ND | |
| 1,2-Dibromoethane | | | ND | | ND | |
| 1,2-Dichlorobenzene | 3 | | ND | | ND | |
| 1,2-Dichloroethane | 0.06 | ND | ND | | ND | |
| 1,2 -Dichloropropane | 1 | ND | ND | | ND | |
| 1,3-Dichlorobenzene | 3 | | ND | | ND | |
| 1,4-Dichlorobenzene | 3 | | ND | | ND | |
| 2-Butanone (MEK)) | 50 | ND | ND | | ND | |
| 2-Hexanone | | | ND | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | ND | | ND | |
| Acetone | 50 | ND | ND | | ND | |
| Benzene | 1 | ND | ND | | ND | |
| Bromodichloromethane | 50 | ND | ND | | ND | |
| Bromoform | 50 | ND | ND | | ND | |
| Bromomethane | 5 | ND | ND | | ND | |
| Carbon disulfide | | | ND | | ND | |
| Carbon tetrachloride | 5 | ND | ND | | ND | |
| Chlorobenzene | 5 | ND | ND | | ND | |
| Chloroethane | 5 | ND | ND | | ND | |
| Chloroform | 7 | ND | ND | | ND | |
| Chloromethane | | ND | ND | | ND | |
| cis-1,2-Dichloroethene | 5 | ***13 J*** | ***7.6 J*** | | ***23*** | |
| cis-1,3-Dichloropropene | 0.4 | | ND | | ND | |
| Cyclohexane | | | ND | | ND | |
| Dibromochloromethane | | | ND | | ND | |
| Dichlorodifluoromethane | 5 | | ND | | ND | |
| Ethylbenzene | 5 | ND | ND | | ND | |
| Isoproylbenzene | 5 | | ND | | ND | |
| Methyl acetate | | | ND | | ND | |
| Methyl tert-butyl ether | 10 | | ND | | ND | |
| Methylcyclohexane | | | ND | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | *12 J* | ND | | 37 | |
| Styrene | 5 | ND | ND | | ND | |
| Tetrachloroethene | 5 | ND | ND | | ND | |
| Toluene | 5 | ND | ND | | ND | |
| trans-1,2-Dichloroethene | 5 | ND | ND | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | ND | | ND | |
| Trichloroethene | ***5*** | ***320*** | ***220*** | | ***510*** | |
| Trichlorofluoromethane | 5 | | ND | | ND | |
| Vinyl chloride | 2 | ND | 5.9 | | ND | |
| Xylenes, Total | 5 | ND | ND | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 209 J | 2,700 | | 1,800 | |
| Manganese (EPA Method 6010B) | | | 210 | | 140 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 3,000 | 2,300 | | 3,000 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | ND | 27,300 | | 29,100 | |
| Total Organic Carbon (EPA Method 9060A) | NS | ND | 1,200 | | 1,900 | |

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**<br>EPA Method 8260B | **WELL OW2-2** | | **2021**<br>**1st QTR** | **2nd QTR** | **3rd QTR** | **4th QTR** |
|---|---|---|---|---|---|---|
| | GW Std (ug/L) | Pre-ISCO | 3/29/21 | | 9/28/21 | |
| 1,1,1-Trichloroethane | 5 | ND | NS | | ND | |
| 1,1,2,2-Tetrachloroethane | 5 | ND | NS | | ND | |
| 1,1,2-Trichloro-1,2,2 trifluoroethane | 5 | ND | NS | | ND | |
| 1,1,2-Trichloroethane | 1 | ND | NS | | ND | |
| 1,1-Dichloroethane | 5 | ND | NS | | ND | |
| 1,1-Dichloroethene | 5 | ND | NS | | ND | |
| 1,2, 4-Trichlorobenzene | 5 | ND | NS | | ND | |
| 1,2-Dibromo-3-Chloropropane | 0.04 | ND | NS | | ND | |
| 1,2-Dibromoethane | | ND | NS | | ND | |
| 1,2-Dichlorobenzene | 3 | ND | NS | | ND | |
| 1,2-Dichloroethane | 0.6 | ND | NS | | ND | |
| 1,2 -Dichloropropane | 1 | ND | NS | | ND | |
| 1,3-Dichlorobenzene | 3 | ND | NS | | ND | |
| 1,4-Dichlorobenzene | 3 | ND | NS | | ND | |
| 2-Butanone (MEK)) | 50 | ND | NS | | ND | |
| 2-Hexanone | | ND | NS | | ND | |
| 4-Methyl-2-pentanone (MIBK) | | ND | NS | | ND | |
| Acetone | 50 | ND | NS | | ND | |
| Benzene | 1 | ND | NS | | ND | |
| Bromodichloromethane | 50 | ND | NS | | ND | |
| Bromoform | 50 | ND | NS | | ND | |
| Bromomethane | 5 | ND | NS | | ND | |
| Carbon disulfide | | ND | NS | | ND | |
| Carbon tetrachloride | 5 | ND | NS | | ND | |
| Chlorobenzene | 5 | ND | NS | | ND | |
| Chloroethane | 5 | ND | NS | | ND | |
| Chloroform | 7 | ND | NS | | ND | |
| Chloromethane | | ND | NS | | ND | |
| cis-1,2-Dichloroethene | 5 | ***140*** | NS | | ***1.8*** | |
| Cis-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Cyclohexane | | ND | NS | | ND | |
| Dibromochloromethane | | ND | NS | | ND | |
| Dichlorodifluoromethane | 5 | ND | NS | | ND | |
| Ethylbenzene | 5 | ND | NS | | ND | |
| Isoproylbenzene | 5 | ND | NS | | ND | |
| Methyl acetate | | ND | NS | | ND | |
| Methyl tert-butyl ether | 10 | ND | NS | | ND | |
| Methylcyclohexane | | ND | NS | | ND | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Methylene chloride | 5 | 20 JB | NS | | ND | |
| Styrene | 5 | ND | NS | | ND | |
| Tetrachloroethene | 5 | ND | NS | | ND | |
| Toluene | 5 | ND | NS | | MD | |
| trans-1,2-Dichloroethene | 5 | ND | NS | | ND | |
| trans-1,3-Dichloropropene | 0.4 | ND | NS | | ND | |
| Trichloroethene | 5 | ***1200*** | NS | | ***12*** | |
| Trichlorofluoromethane | 5 | ND | NS | | ND | |
| Vinyl chloride | 2 | ND | NS | | ND | |
| Xylenes, Total | 5 | ND | NS | | ND | |

| **Other Analytes** | GW Std (ug/L) | Pre-ISCO | **1st QTR** 3/29/21 | **2nd QTR** | **3rd QTR** 9/28/21 | **4th QTR** |
|---|---|---|---|---|---|---|
| Iron (EPA Method 6010B) | 300 | 239,000 | NS | | 5,500 | |
| Manganese (EPA Method 6010B) | | 3,640 | NS | | 1,400 B | |
| Nitrate as N (EPA Method 9056) | 10,000 | 210 | NS | | 5,000 | |
| Chemical Oxygen Demand (EPA Method 410.4) | | 193,000 | NS | | 5,000 J | |
| Total Organic Carbon (EPA Method 9060A) | | ND | NS | | 2,000 | |

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

# FIELD OBSERVATIONS

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

**Field Personnel:** RE, AP **Sample Matrix:** GW

**SAMPLING INFORMATION:**

**Date/Time** 9/28/21, 13:50

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

**Diameter of Well** 2"
**Well Depth (from top of PVC)** ~~19.93~~ 28' RE
**Water Depth (from top of PVC)** 8.87
**Length of water Column** 19.13
**Purge Volume: LWC x 0.17 x 3=** 9.76 **Volume Purged** 10. gal

**Methane Reading** _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/~~cm) mS/cm | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 12:50 | 13.55 | 7.24 | 2.33 | 8.7 | 117 | 15.40 |

SAL 1.2 PPT.

**INSTRUMENT CHECK DATA:**

Horiba U-52 rented from and calibrated by Pine Environmental.

**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:** Clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

**Date:** 9/29/21 **By:** RE English **Company:** Eurofins Scientific Test America

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR07-32

Field Personnel: RE / AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time 9.27.21 10:45

DRY - NO Sample

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well

Well Depth (from top of PVC)

Water Depth (from top of PVC)

Length of water Column DRY

Purge Volume: LWC x 0.17 x 3=

Volume Purged

Methane Reading

**SAMPLING DATA:**

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

SAC

**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: Clear, 70's

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: CSTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR08-33

Field Personnel: RE/AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28/21 13:05

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 42'

Water Depth (from top of PVC): 11.02

Length of water Column: 30.98

Purge Volume: LWC x 0.17 x 3= Purged today

Volume Purged: 5 gal.

Methane Reading: _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (Umhos/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 1305 | 11.75 | 7.35 | 4.22 mS/cm | 0.0 | 118 | 16.69 SR 3.3 |

**INSTRUMENT CHECK DATA:**

Turbidity 0.0 Serial #: See P.1

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: Clear, 70's

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR08-34

Field Personnel: RE / AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28 1340

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 43.00

Water Depth (from top of PVC): 10.79

Length of water Column: 32.21

Purge Volume: LWC x 0.17 x 3= Purged dry

Volume Purged: 5.2 gal

Methane Reading: _____

**SAMPLING DATA:** mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/cm~~) | Turb. (NTU) | ORP Mv | DO ( mg/l ) | |
|---|---|---|---|---|---|---|---|
| 1340 | 11.09 | 7.39 | 4.06 | 2.7 | 30 | 18.50 | SAC |
| | | | | | | | 3.5 |

**INSTRUMENT CHECK DATA:** See p.2

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

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

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Clear 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour  Sample Point ID: BROS-35

Field Personnel: RE/AP  Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time 9/28/.....1215

Method of Sampling: Bailer  Dedicated: YES

Diameter of Well 2"
Well Depth (from top of PVC) 32'
Water Depth (from top of PVC) 9.60
Length of water Column 23.00
Purge Volume: LWC x 0.17 x 3= 11.73  Volume Purged 12 gal

Methane Reading _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/cm~~ mS/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 12:15 | 10.96 | 7.22 | 4.25 | 142 | 27 | 1734 |

SAL 2.2

**INSTRUMENT CHECK DATA:** see p1

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: clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21  By: RE  Company: ESTA

# FIELD OBSERVATIONS

Facility: Puss + Seymour

Sample Point ID: BRO9-37

Field Personnel: RE/AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28, 1355

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 24.50

Water Depth (from top of PVC): 19.72

Length of water Column: 4.78

Purge Volume: LWC x 0.17 x 3= 2.44

Volume Purged: 2.5 gal

Methane Reading: _____

**SAMPLING DATA:**

mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/~~cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 1355 | 11.70 | 7.36 | 2.19 | 78 | 73 | 18.85 |

SAC 1.1

**INSTRUMENT CHECK DATA:** See p 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: Clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

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

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

**SAMPLING INFORMATION:**

**Date/Time** 9/28/21, 1400

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

**Diameter of Well** 2"
**Well Depth (from top of PVC)** 32' 00
**Water Depth (from top of PVC)** 18.90
**Length of water Column** 13.10
**Purge Volume: LWC x 0.17 x 3=** 6.68 **Volume Purged** 7 gal.

**Methane Reading** _____

**SAMPLING DATA:**

| Time | Temp. ( °C) | pH (std units) | Conduct (~~Umhos/cm~~ mS/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 14:00 | 12.50 | 7.32 | 2.01 | 0.0 | 99 | 1609 |

STL
1.0

**INSTRUMENT CHECK DATA:** See p 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:** clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

**Date:** 9/29/21 **By:** RE **Company:** ESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR10-46

Field Personnel: RE/AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28/21 11:40

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 27.80

Water Depth (from top of PVC): 13.78

Length of water Column: 14.02

Purge Volume: LWC x 0.17 x 3= 7.15

Volume Purged: 7.5 gal

Methane Reading: _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/cm~~ mS/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 11:45 | 11.87 | 7.02 | 3.08 | 93.4 | 149 | 17.5 |

SAC 106

**INSTRUMENT CHECK DATA:** See p2

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: Clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: USTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: BR10-47

Field Personnel: RE/AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28/21 11:50

Method of Sampling: (Bailer)

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 28.00

Water Depth (from top of PVC): 13.74

Length of water Column: 14.26

Purge Volume: LWC x 0.17 x 3= 7.27

Volume Purged: 7.5

Methane Reading: _____

**SAMPLING DATA:**

mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (Umhos/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 11:50 | 13.05 | 6.89 | 4.05 | 13.9 | 143 | 15.47 |

SAL 2.2 ppt

**INSTRUMENT CHECK DATA:** see p1

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: clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: LESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: IW2-1

Field Personnel: RE / AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/29/21 12:50

Method of Sampling: Bailer 4" Dedicated: YES

Diameter of Well: 4 ~~1/2~~"

Well Depth (from top of PVC): 36.00

Water Depth (from top of PVC): 19.43

Length of water Column: 16.57

Purge Volume: LWC x 0.17 x 3= 33.00 Volume Purged 33 gals

Methane Reading 0.66 x3 = _____

**SAMPLING DATA:** mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/cm~~) | Turb. (NTU) | ORP Mv | DO ( mg/l ) | SAL |
|---|---|---|---|---|---|---|---|
| 12:50 | 12.78 | 7.37 | 4.40 | 6.4 | 74 | 18.35 | 2.3 |

**INSTRUMENT CHECK DATA:** See p1

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: clear 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

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

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

**SAMPLING INFORMATION:**

**Date/Time** 9/29/21, 13:25

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

**Diameter of Well** 4"
**Well Depth (from top of PVC)** 35.61
**Water Depth (from top of PVC)** 17.33
**Length of water Column** 18.28
**Purge Volume: LWC x 0.17 x 3=** 36.19 **Volume Purged** 36.5 gal

**Methane Reading** _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos~~/cm) mS/cm | Turb. (NTU) | ORP Mv | DO ( mg/l ) | SAL |
|---|---|---|---|---|---|---|---|
| 13:25 | 13.34 | 7.66 | 3.01 | 16.9 | 101 | 18.42 | 1.6 |

**INSTRUMENT CHECK DATA:** See p1

**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:** clear 70s

**COMMENTS AND OBSERVATIONS:**

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

**Date:** 9/29/21 **By:** RE **Company:** ESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: MW05-10

Field Personnel: RE/AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28/21 1335 DRY - NO SAMPLE

Method of Sampling: Bailer (circled) Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 19.00

Water Depth (from top of PVC):

Length of water Column: DRY

Purge Volume: LWC x 0.17 x 3=

Volume Purged

Methane Reading

**SAMPLING DATA:**

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

Salinity PPT

**INSTRUMENT CHECK DATA:** See p1

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: clear, 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

**Facility:** Pass ; Seymour **Sample Point ID:** MW 05-21

**Field Personnel:** RE, AP **Sample Matrix:** GW

**SAMPLING INFORMATION:**

**Date/Time** 9/28/21, 1305

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

**Diameter of Well** 2"
**Well Depth (from top of PVC)** 12'00
**Water Depth (from top of PVC)** 5.05
**Length of water Column** 6.95
**Purge Volume: LWC x 0.17 x 3=** 3.54 **Volume Purged** 3.75

**Methane Reading** _____

**SAMPLING DATA:** mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos~~/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 1305 | 13:22 | 6.77 | 3.59 | 2.3 | 132 | 15.79 |

SAL 1.9

**INSTRUMENT CHECK DATA:** See p1

**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:** Clear 70's

**COMMENTS AND OBSERVATIONS:**

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

**Date:** 9/29/21 **By:** RE **Company:** ESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: OBOS-36

Field Personnel: RE / AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28/21, 11:15

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 34.70

Water Depth (from top of PVC): 15.46

Length of water Column: 18.54

Purge Volume: LWC x 0.17 x 3= 9.46

Volume Purged: 9.5 gal

Methane Reading: _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct ~~(Umhos/cm)~~ mS/cm | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 11:15 | 10.93 | 6.97 | 4.18 | ~~50~~ 48.8 | 146 | 16.84 |

SAL 2.2 PPT

**INSTRUMENT CHECK DATA:** See p2

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: clear 70s

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

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

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

**SAMPLING INFORMATION:**

**Date/Time** 10:58 1

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

**Diameter of Well** 2"
**Well Depth (from top of PVC)** 33.20
**Water Depth (from top of PVC)** 17.38
**Length of water Column** 15.82
**Purge Volume: LWC x 0.17 x 3=** 2.69 **Volume Purged** 8 gal.

**Methane Reading** _____

**SAMPLING DATA:** mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos~~/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 10:58 | 12:45 | 6.97 | -49 | 69.6 | 140 | 8.4 |

SAL 3.53 PPT

**INSTRUMENT CHECK DATA:** See p 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:** clear, 70's

**COMMENTS AND OBSERVATIONS:**

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

**Date:** 9/27/21 **By:** RE **Company:** ESTA

# FIELD OBSERVATIONS

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

Field Personnel: RE / AP  Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time 9/28 / 12:40

Method of Sampling: (Bailer)  Dedicated: YES

Diameter of Well 2"
Well Depth (from top of PVC) 23.40
Water Depth (from top of PVC) 16.55
Length of water Column 6.45
Purge Volume: LWC x 0.17 x 3= 1.00  Volume Purged 1 gal (DRY AT ONE gal.)

Methane Reading

**SAMPLING DATA:** mS/cm

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/cm~~) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 1240 | 12.21 | 7.32 | 4.11 | 168 | 97 | 15.88 |

Sal 2.2 ppt

**INSTRUMENT CHECK DATA:** See p.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: clear 70's

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21  By: RE  Company: ESTA

# FIELD OBSERVATIONS

Facility: Pass + Seymour

Sample Point ID: OW2-4

Field Personnel: RE / AP

Sample Matrix: GW

**SAMPLING INFORMATION:**

Date/Time: 9/28 1415

Method of Sampling: (Bailer) 2"

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 28.00

Water Depth (from top of PVC): 16.20

Length of water Column: 11.80

Purge Volume: LWC x 0.17 x 3= 6.02

Volume Purged: 6 gal.

Methane Reading: _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos/cm~~ mS/cm) | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 1415 | 13.11 | 7.36 | 1.22 | 17.0 | 88 | 15.07 |

SAC 0.6

**INSTRUMENT CHECK DATA:** see p. 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: clear, 70's

**COMMENTS AND OBSERVATIONS:**

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

Date: 9/29/21 By: RE Company: ESTA

# FIELD OBSERVATIONS

**Facility:** Rose & Seymour **Sample Point ID:** DW2-2

**Field Personnel:** RE, AP **Sample Matrix:** GW

**SAMPLING INFORMATION:**

**Date/Time** 9/28/21 10:45

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

**Diameter of Well** 2"
**Well Depth (from top of PVC)** 33'
**Water Depth (from top of PVC)** 17.12
**Length of water Column** 15.88
**Purge Volume: LWC x 0.17 x 3=** 8.09 **Volume Purged** 8.5 gal

**Methane Reading** _____

**SAMPLING DATA:**

| Time | Temp. (°C) | pH (std units) | Conduct (~~Umhos~~/cm) mS/cm | Turb. (NTU) | ORP Mv | DO ( mg/l ) |
|---|---|---|---|---|---|---|
| 10:45 | 11.04 | 7.16 | 2.48 | 184 | 129 | 16.99 |

SA2.
1.3

**INSTRUMENT CHECK DATA:** See p. 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:** Clear, 70)

**COMMENTS AND OBSERVATIONS:**

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

**Date:** 9/29/21 **By:** RE **Company:** ESTA