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SCS ENGINEERS

July 10, 2018
File No. 25212002.00

GEMS Data Submittal Contact – WA/5
Bureau of Waste and Materials Management
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921

Subject: Hagen Farm Landfill, Town of Dunkirk, Dane County, Wisconsin
WDNR License No. 02981 – FID #113176030
Second Quarter 2018 Environmental Data Submittal

Dear GEMS Data Submittal Contact:

Enclosed is the second quarter 2018 environmental data submittal for the Hagen Farm Landfill, License No. 02981. The submittal includes results from the second quarter (May) sampling event at the site. The data were collected in accordance with the requirements of the U.S. Environmental Protection Agency (USEPA) approval of the Hagen Farm Site Groundwater Control Operable Unit Revised Workplan dated March 1, 2005, as amended.

## SAMPLING SUMMARY

The second quarter sampling event, which was performed during the period of May 16 to 17, 2018, included measurement of water levels and/or collection of groundwater samples at 17 monitoring wells in the vicinity of the site. The samples and associated field data were collected by SCS Engineers staff. The samples were submitted to TestAmerica Buffalo (Wisconsin Lab Certification No. 998310390) for laboratory analysis.

## INFORMATION INCLUDED IN THIS SUBMITTAL

This submittal includes the following:

- A CD with the electronic data submittal file (may18-02981.txt) from this period.
- **Attachment A**, a table that identifies the compounds that exceeded the groundwater standards identified in Chapter NR 140, Wisconsin Administrative Code (Wis. Adm. Code) (i.e., exceedances) during this sampling period.
- **Attachment B**, a table that identifies sample results between the limit of detection (LOD) and limit of quantitation (LOQ) from this sampling period.

- **Attachment C**, a completed Environmental Monitoring Data Certification Form [Form 4400-231(R 5/17)].

- **Attachment D**, a printout of the data from this sampling period.

## SUBMITTAL NOTES

Please note the following:

- Results for vinyl chloride are reported from two different analytical methods, using gas chromatography/mass spectrometry (GC/MS) and selective ion methodology (SIM). The data from the two analytical methods are evaluated independently in that if both results exceeded a groundwater standard, two exceedances are reported in **Attachments A** and **D**, even though the results are from the same sample.

- Manganese results are evaluated with regard to the criteria identified in Table 1 (Public Health Groundwater Quality Standards) and Table 2 (Public Welfare Groundwater Quality Standards) of NR 140.10 and NR 140.12, respectively; thus, the data from a single sample may be reported as two exceedances in **Attachments A** and **D**.

- Results from this sampling period that exceed the values identified as the enforcement standard (ES) or preventive action limit (PAL) in Chapter NR 140, Wis. Adm. Code, are denoted using an E or P, respectively, in **Attachments A** and **D** of this submittal. A "P*" indicates that the well is within the Design Management Zone (DMZ) and property boundary; therefore, the well meets the point of standards criteria identified in NR 140.22 and the ES does not apply. Consistent with prior submittals, the preliminary cause and significance of concentrations exceeding groundwater standards is not presented herein. Groundwater quality has been evaluated as part of the remedial investigation for this USEPA-lead Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site, and is also periodically evaluated in the annual reports for the operation and maintenance of the selected remedy.

## DATA QUALITY

No results from this reporting period were qualified by the laboratory as failing Wisconsin Department of Natural Resources (WDNR) Quality Control (QC) Flag 1 criteria due to identification of the compound(s) in the laboratory method, trip, or field blanks associated with the batch in which the specific samples were analyzed at a concentration above the specified criteria. No results from this reporting period were qualified by the laboratory as failing WDNR QC Flag 2 in that all samples met preservation and holding time criteria. No results from this

reporting period were qualified by the laboratory as failing the WDNR QC Flag 3 criteria as all of the laboratory quality control standards were met.

In addition to laboratory QC measures, the laboratory analyzed one trip blank (TB) and one field blank (FB) prepared in association with this sampling event to assess data quality. No volatile organic compounds (VOCs) were quantified above the LOD from analysis of the TB or FB. One analyte, manganese, was reported at a low estimated (J-flagged) concentration (0.67 µg/L) in the FB. The result is well below the concentration established as the PAL (25 µg/L); thus, it is not expected to materially impact the data quality especially since dedicated sampling equipment is utilized at the site.

We note that several of the dissolved oxygen (DO) results from analysis of samples during this reporting period are anomalous. Results from field measurements of samples from three of the wells (MW7, OBS1B, and OBS2C) were greater than 20 mg/L, and two results (OBS1C and OB8M) were greater than 10 mg/L. While DO results of up to approximately 10 mg/L have been reported from analysis of recent past samples from wells in the vicinity of the air sparge points, where concentrated oxygen is directly input to groundwater, concentrations above 10 mg/L are suspect in that they likely exceed the maximum solubility at the identified temperatures. Review of the field logs did not identify any issues with the meter utilized or the field calibration performed prior to the measurements. Results from analysis of future quarterly samples will be reviewed to further assess the current DO data.

Given the specific parameters and results qualified, and the explanations summarized above, the data from this period are acceptable for use.

Please contact me at (262) 518-4082 if you have any questions regarding this report.

Sincerely,

Zach Watson
Associate Scientist
**SCS ENGINEERS**

ZTW/jsn

cc: Ms. Sheila Sullivan, USEPA, w/o disk
Mr. Aristeo Pelayo, WDNR, w/o disk (electronic copy by e-mail only)
Mr. Michael Peterson, Waste Management of Wisconsin, Inc., w/o disk

Attachments: A through D

# ATTACHMENT A

Second Quarter Groundwater Sampling Event – May 2018
Identification of NR 140 Exceedances

# Hagen Farm Landfill

**Attachment A**
**Second Quarter 2018**

**Identification of NR 140 Exceedances**

**License Number: 02981**
**Facility ID Number: 113176030**

| Well | Sample Date | Parameter | Sample Result | NR140 Standards PAL | NR140 Standards ES | Units | Type of Standard | Type of Exceedance | Qualifier | RL | LOD | LOQ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P17C | 180516 | IRON-DISSOLVED AS FE | 2.7 | 0.15 | 0.3 | MG/L | Table 2 | P* | | 0.030 | 0.019 | 0.064 |
| P22B | 180516 | IRON-DISSOLVED AS FE | 2.8 | 0.15 | 0.3 | MG/L | Table 2 | P* | | 0.030 | 0.019 | 0.064 |
| OB8M | 180516 | MANGANESE-DISSOLVED AS MN | 150 | 60 | 300 | UG/L | Table 1 | P | | 2.0 | 0.40 | 1.3 |
| OB8M | 180516 | MANGANESE-DISSOLVED AS MN | 150 | 25 | 50 | UG/L | Table 2 | E | | 2.0 | 0.40 | 1.3 |
| P17B | 180516 | MANGANESE-DISSOLVED AS MN | 113 | 60 | 300 | UG/L | Table 1 | P | | 2.0 | 0.40 | 1.3 |
| P17B | 180516 | MANGANESE-DISSOLVED AS MN | 113 | 25 | 50 | UG/L | Table 2 | P* | | 2.0 | 0.40 | 1.3 |
| P17C | 180516 | MANGANESE-DISSOLVED AS MN | 242 | 60 | 300 | UG/L | Table 1 | P | | 2.0 | 0.40 | 1.3 |
| P17C | 180516 | MANGANESE-DISSOLVED AS MN | 242 | 25 | 50 | UG/L | Table 2 | P* | | 2.0 | 0.40 | 1.3 |
| P22B | 180516 | MANGANESE-DISSOLVED AS MN | 116 | 60 | 300 | UG/L | Table 1 | P | | 2.0 | 0.40 | 1.3 |
| P22B | 180516 | MANGANESE-DISSOLVED AS MN | 116 | 25 | 50 | UG/L | Table 2 | P* | | 2.0 | 0.40 | 1.3 |
| P32B | 180516 | MANGANESE-DISSOLVED AS MN | 93.5 | 60 | 300 | UG/L | Table 1 | P | | 2.0 | 0.40 | 1.3 |
| P32B | 180516 | MANGANESE-DISSOLVED AS MN | 93.5 | 25 | 50 | UG/L | Table 2 | E | | 2.0 | 0.40 | 1.3 |
| OBS2C | 180516 | NITRITE PLUS NITRATE-DISSOLVED A | 4.3 | 2 | 10 | MG/L AS N | Table 1 | P | | 0.10 | 0.040 | 0.13 |
| OB8M | 180516 | VINYL CHLORIDE | 0.64 | 0.02 | 0.2 | UG/L | Table 1 | E | | 0.020 | 0.004 | 0.013 |
| P17C | 180516 | VINYL CHLORIDE | 0.43 | 0.02 | 0.2 | UG/L | Table 1 | P* | | 0.020 | 0.004 | 0.013 |
| P26B | 180516 | VINYL CHLORIDE | 0.29 | 0.02 | 0.2 | UG/L | Table 1 | P* | | 0.020 | 0.004 | 0.013 |

**P* = Well is located within the Design Management Zone (DMZ) and property boundary, thus the Enforcement Standard does not apply**
**P = NR 140 Preventive Action Limit or NR 500 Alternate Concentration Limit exceedance**
**E = NR 140 Enforcement Standard exceedance**
**J = Sample result is between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ)**
**EX = NR 140.28 (NR 508.19) Exemptions granted for exceedance**

**Special Note:**
**J-Qualifier (Flag) indicates an estimated concentration of an analyte between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ), thus the values are not quantifiable numbers and do not constitute exceedances. However, these values are reported in compliance with NR 507.26 (3)(b) and NR 140.16(5).**

**Vinyl chloride is analyzed by EPA Method 8260B and by Selective Ion Monitoring. The data from the two analytical methods is evaluated independently in that if both results exceeded a groundwater standard, two exceedances are reported even though the results are from the same sample.**

**ATTACHMENT B**

Second Groundwater Sampling Event – May 2018
Identification of Sample Results Between
the LOD and LOQ ("J-Flags")

# Hagen Farm Landfill

**Attachment B**
**Second Quarter 2018**

**Identification of Sample Results Between the LOD and LOQ ("J-Flags")**

**License Number: 02981**
**Facility ID Number: 113176030**

| Well | Sample Date | Parameter | Sample Result | NR140 Standards PAL | NR140 Standards ES | Units | Qualifier | RL | LOD | LOQ |
|---|---|---|---|---|---|---|---|---|---|---|
| OBS1A | 180516 | ACETONE | 3.1 | 1800 | 9000 | UG/L | J | 10 | 3.0 | 10 |
| OBS1B | 180516 | ACETONE | 3.3 | 1800 | 9000 | UG/L | J | 10 | 3.0 | 10 |
| OBS1B | 180516 | IRON-DISSOLVED AS FE | 0.019 | 0.15 | 0.3 | MG/L | J | 0.030 | 0.019 | 0.064 |
| OBS2C | 180516 | IRON-DISSOLVED AS FE | 0.021 | 0.15 | 0.3 | MG/L | J | 0.030 | 0.019 | 0.064 |
| OB8M | 180516 | IRON-DISSOLVED AS FE | 0.055 | 0.15 | 0.3 | MG/L | J | 0.030 | 0.019 | 0.064 |
| P17B | 180516 | ACETONE | 4.1 | 1800 | 9000 | UG/L | J | 10 | 3.0 | 10 |
| MW22 | 180516 | ACETONE | 3.5 | 1800 | 9000 | UG/L | J | 10 | 3.0 | 10 |
| P22B | 180516 | VINYL CHLORIDE | 0.0075 | 0.02 | 0.2 | UG/L | J | 0.020 | 0.004 | 0.013 |
| P26B | 180516 | ACETONE | 4.6 | 1800 | 9000 | UG/L | J | 10 | 3.0 | 10 |
| P32B | 180516 | ACETONE | 3.4 | 1800 | 9000 | UG/L | J | 10 | 3.0 | 10 |
| P32B | 180516 | VINYL CHLORIDE | 0.0084 | 0.02 | 0.2 | UG/L | J | 0.020 | 0.004 | 0.013 |

**Notes:**
**J = Estimated result - sample result is between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ)**

**Special Note:**
**J-Qualifier (Flag) indicates an estimated concentration of an analyte between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ), thus the values are not quantifiable numbers and do not constitute exceedances. However, these values are reported in compliance with NR 507.26 (3)(b) and NR 140.16(5).**

# ATTACHMENT C

Second Quarter Groundwater Sampling Event – May 2018
Environmental Monitoring Data Certification
Form [Form 4400-231 (R 5/17)]

Save... Print... Clear Data

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

# Environmental Monitoring Data Certification

Form 4400-231 (R 5/17)

**Notice:** Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats

**Instructions:**

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5, Wisconsin Department of Natural Resources, P.O. Box 7921, Madison, WI 53707-7921

## Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner)

Contact for questions about data formatting. Include data preparer's name, telephone number and Email address:

| Name | Phone No. (include area code) |
|---|---|
| Zach Watson | 262-518-4082 |

Email: zwatson@scsengineers.com

Facility Name: Hagen Farms Landfill

| License # / Monitoring ID | Facility ID (FID) |
|---|---|
| 02981 | 113176030 |

| Actual sampling dates (e.g., July 2-6, 2003) | The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) |
|---|---|
| May 16-17, 2018 | May 2018 |

Type of Data Submitted (Check all that apply):

- [x] Groundwater monitoring data from monitoring wells
- [ ] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify):

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

## Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

| Facility Representative Name (Print) | Title | Phone No. (include area code) |
|---|---|---|
| Zach Watson | Associate Scientist | 262-518-4082 |

Signature

Date Signed (mm/dd/yyyy): 6/19/2018

## For DNR Use Only

Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] Found uploading problems on _____ Initials
- [ ] Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): [ ] Diskette [ ] CD (initial submittal and follow-up) [ ] E-mail (follow-up only) [ ] Other: _____

# ATTACHMENT D

May Quarter Groundwater Sampling Event – May 2018
Environmental Monitoring Data

**Attachment D**

# Hagen Farm Landfill

**Stoughton, WI**

**Second Quarter 2018 Environmental Monitoring Data**

**License Number: 02981**
**Facility ID Number: 113176030**

**Samples Collected by:** **SCS Engineers**
**Gary Sterkel and Charlie Bills**

**Samples Analyzed by:** **Test America, Inc., Amherst, NY (Laboratory Certification Number: 998310390)**

**Color, Odor, Turbidity: If the Results column shows 0 the parameter was present. If the Qualifier column shows N the parameter was not present.**

**Exceedance Key:**
**P* = Within the Design Management Zone (DMZ) and property boundary**
**P = NR 140 Preventive Action Limit or NR 500 Alternate Concentration Limit exceedance**
**E = NR 140 Enforcement Standard exceedance**
**EX = NR 140.28 (NR 508.19) Exemptions granted for exceedance**

**All exceedances take into account 40 CFR 257-258 Subtitle D standards as well as WDNR approved alternate concentration limits (ACLs)**

**Qualifier Flag Codes:**
**N = Analyte was not detected above the Limit of Detection (LOD)**
**J = Analyte was detected between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ) (LOD ≤ result < LOQ)**

**QC Flag 1 Codes:**
**M = Analyte was not detected in Method, Trip, or Field Blanks**
**F = For a sample in which an analyte was detected, the analyte was also detected in the associated Method, Trip, or Field Blanks at concentrations which exceed the highest of the following values:**
**1. The limit of detection, or**
**2. Five percent of the lowest applicable regulatory limit, or**
**3. Ten percent of the measured concentration in the sample.**

**QC Flag 2 Codes:**
**M = Met Preservation and Holding Time criteria**
**F = Failed Preservation and Holding Time criteria**

**QC Flag 3 Codes:**
**M = Met Laboratory Quality Control Standards**
**F = Failed Laboratory Quality Control Standards**

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS1A **WDNR Point ID:** 010 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | J | 3.1 | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 321 | MG/L | | | | | M | M | M | 40.0 | 16.0 | 53.3 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 9.6 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |

**Sample Point:** OBS1A **WDNR Point ID:** 010

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 861.38 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | N | | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 3.9 | UG/L | 60 | 300 | | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 3.9 | UG/L | 25 | 50 | | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 0.18 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | 67.0 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.61 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 12.3 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 602 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 5.1 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS1B **WDNR Point ID:** 015 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | J | 3.3 | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 398 | MG/L | | | | | M | M | M | 50.0 | 20.0 | 66.7 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 23.8 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS1B **WDNR Point ID:** 015 | | | | | | | | | | | | | | | |
| 180516 | GROUNDWATER ELEVATION | | 861.20 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | J | 0.019 | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 2.2 | UG/L | 60 | 300 | | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 2.2 | UG/L | 25 | 50 | | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 0.32 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | 57.0 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.60 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 13.3 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 873 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 38.4 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** OBS1C **WDNR Point ID:** 017 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS1C **WDNR Point ID:** 017 | | | | | | | | | | | | | | | |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 112 | MG/L | | | | | M | M | M | 20.0 | 8.0 | 26.7 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 17.1 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 861.16 | FT MSL | | | | | | | | | | | |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS1C **WDNR Point ID:** 017 | | | | | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | N | | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 4.6 | UG/L | 60 | 300 | | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 4.6 | UG/L | 25 | 50 | | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 0.091 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | 109.2 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.53 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 13.5 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 788 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 23.4 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** OBS2C **WDNR Point ID:** 022 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS2C **WDNR Point ID:** 022 | | | | | | | | | | | | | | | |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 351 | MG/L | | | | | M | M | M | 40.0 | 16.0 | 53.3 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 21.1 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 860.65 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | J | 0.021 | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OBS2C **WDNR Point ID:** 022 | | | | | | | | | | | | | | | |
| 180516 | MANGANESE-DISSOLVED AS MN | | 8.6 | UG/L | 60 | 300 | | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 8.6 | UG/L | 25 | 50 | | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 4.3 | MG/L AS N | 2 | 10 | P | Table 1 | M | M | M | 0.10 | 0.040 | 0.13 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | -54.1 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.55 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 13.5 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 735 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 26.7 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** MW7 **WDNR Point ID:** 025 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** MW7 **WDNR Point ID:** 025 | | | | | | | | | | | | | | | |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** MW7 **WDNR Point ID:** 025 | | | | | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** OB8M **WDNR Point ID:** 035 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 404 | MG/L | | | | | M | M | M | 50.0 | 20.0 | 66.7 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OB8M | **WDNR Point ID:** 035 | | | | | | | | | | | | | | |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 11.0 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 855.48 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | J | 0.055 | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 150 | UG/L | 60 | 300 | P | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 150 | UG/L | 25 | 50 | E | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 1.3 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | 45.9 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.79 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 15.6 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 910 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** OB8M **WDNR Point ID:** 035 | | | | | | | | | | | | | | | |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 35.8 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | | 0.64 | UG/L | 0.02 | 0.2 | E | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** P17B **WDNR Point ID:** 045 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | J | 4.1 | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 292 | MG/L | | | | | M | M | M | 40.0 | 16.0 | 53.3 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P17B | **WDNR Point ID:** 045 | | | | | | | | | | | | | | |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 9.4 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 860.51 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | | 0.083 | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 113 | UG/L | 60 | 300 | P | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 113 | UG/L | 25 | 50 | P* | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 0.92 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | -18.6 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.36 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 14.8 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 692 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 20.5 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P17B | **WDNR Point ID:** 045 | | | | | | | | | | | | | | |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** P17C | **WDNR Point ID:** 050 | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 311 | MG/L | | | | | M | M | M | 50.0 | 20.0 | 66.7 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P17C | **WDNR Point ID:** 050 | | | | | | | | | | | | | | |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 3.3 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 860.50 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | | 2.7 | MG/L | 0.15 | 0.3 | P* | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 242 | UG/L | 60 | 300 | P | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 242 | UG/L | 25 | 50 | P* | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 0.23 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | -80.0 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.67 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | | 0 | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 14.0 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 789 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 14.3 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P17C | **WDNR Point ID:** 050 | | | | | | | | | | | | | | |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | | 0.43 | UG/L | 0.02 | 0.2 | P* | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** P17DR | **WDNR Point ID:** 055 | | | | | | | | | | | | | | |
| 180517 | GROUNDWATER ELEVATION | | 860.04 | FT MSL | | | | | | | | | | | |
| **Sample Point:** MW22 | **WDNR Point ID:** 060 | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | J | 3.5 | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 380 | MG/L | | | | | M | M | M | 40.0 | 16.0 | 53.3 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** MW22 | **WDNR Point ID:** 060 | | | | | | | | | | | | | | |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 10.2 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 862.38 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | N | | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 2.4 | UG/L | 60 | 300 | | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 2.4 | UG/L | 25 | 50 | | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 1.4 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | -33.1 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.22 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 19.3 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 692 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 22.1 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** MW22 **WDNR Point ID:** 060 | | | | | | | | | | | | | | | |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** P22B **WDNR Point ID:** 065 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 354 | MG/L | | | | | M | M | M | 50.0 | 20.0 | 66.7 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P22B | **WDNR Point ID:** 065 | | | | | | | | | | | | | | |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 3.4 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 861.83 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | | 2.8 | MG/L | 0.15 | 0.3 | P* | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 116 | UG/L | 60 | 300 | P | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 116 | UG/L | 25 | 50 | P* | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | N | | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | -72.2 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.10 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | | 0 | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 18.9 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 782 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 33.2 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P22B | **WDNR Point ID:** 065 | | | | | | | | | | | | | | |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | J | 0.0075 | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** P26B | **WDNR Point ID:** 085 | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | J | 4.6 | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P26B | **WDNR Point ID:** 085 | | | | | | | | | | | | | | |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | | 0.29 | UG/L | 0.02 | 0.2 | P* | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** MW30 | **WDNR Point ID:** 130 | | | | | | | | | | | | | | |
| 180517 | GROUNDWATER ELEVATION | | 860.57 | FT MSL | | | | | | | | | | | |
| **Sample Point:** MW32 | **WDNR Point ID:** 145 | | | | | | | | | | | | | | |
| 180517 | GROUNDWATER ELEVATION | | 857.85 | FT MSL | | | | | | | | | | | |
| **Sample Point:** P32B | **WDNR Point ID:** 150 | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | 40 | 200 | | Table 1 | M | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P32B **WDNR Point ID:** 150 | | | | | | | | | | | | | | | |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | 85 | 850 | | Table 1 | M | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | 0.7 | 7 | | Table 1 | M | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | 14 | 70 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | 0.005 | 0.05 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | M | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | 50 | 500 | | Table 1 | M | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | J | 3.4 | UG/L | 1800 | 9000 | | Table 1 | M | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | | 392 | MG/L | | | | | M | M | M | 50.0 | 20.0 | 66.7 | 998310390 |
| 180516 | BENZENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | 0.06 | 0.6 | | Table 1 | M | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | 1 | 10 | | Table 1 | M | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | 80 | 400 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | 0.6 | 6 | | Table 1 | M | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | 3 | 30 | | Table 1 | M | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | 7 | 70 | | Table 1 | M | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | 6 | 60 | | Table 1 | M | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | M | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | 200 | 1000 | | Table 1 | M | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | DISSOLVED OXYGEN, FIELD BY PROBE | | 3.1 | MG/L | | | | | | | | | | | |
| 180516 | ETHYLBENZENE | N | | UG/L | 140 | 700 | | Table 1 | M | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | 698 | 3490 | | Table 1 | M | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | GROUNDWATER ELEVATION | | 858.14 | FT MSL | | | | | | | | | | | |
| 180516 | IRON-DISSOLVED AS FE | | 0.071 | MG/L | 0.15 | 0.3 | | Table 2 | M | M | M | 0.030 | 0.019 | 0.064 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** P32B | **WDNR Point ID:** 150 | | | | | | | | | | | | | | |
| 180516 | MANGANESE-DISSOLVED AS MN | | 93.5 | UG/L | 60 | 300 | P | Table 1 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | MANGANESE-DISSOLVED AS MN | | 93.5 | UG/L | 25 | 50 | E | Table 2 | M | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | 120 | 600 | | Table 1 | M | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | 800 | 4000 | | Table 1 | M | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | 12 | 60 | | Table 1 | M | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | | 0.32 | MG/L AS N | 2 | 10 | | Table 1 | M | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | 60 | 600 | | Table 1 | M | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | OXIDATION REDUCTION POTENTIAL | | 41.3 | MILLIVOLTS | | | | | | | | | | | |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | 15 | 75 | | Table 1 | M | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | PH-FIELD | | 7.21 | SU | | | | | | | | | | | |
| 180516 | SAMPLE COLOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE ODOR | N | | NONE | | | | | | | | | | | |
| 180516 | SAMPLE TEMPERATURE | | 17.6 | DEGREES C | | | | | | | | | | | |
| 180516 | SAMPLE TURBIDITY | N | | NONE | | | | | | | | | | | |
| 180516 | SPECIFIC CONDUCTANCE-FIELD | | 801 | UMHOS/CM | | | | | | | | | | | |
| 180516 | STYRENE | N | | UG/L | 10 | 100 | | Table 1 | M | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | | 28.1 | MG/L | 125 | 250 | | Table 2 | M | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | 10 | 50 | | Table 1 | M | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | 160 | 800 | | Table 1 | M | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | 20 | 100 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | 0.04 | 0.4 | | Table 1 | M | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | 0.44 | 4.4 | | Table 1 | M | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | 0.5 | 5 | | Table 1 | M | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | J | 0.0084 | UG/L | 0.02 | 0.2 | | Table 1 | M | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | 400 | 2000 | | Table 1 | M | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** MW33 | **WDNR Point ID:** 155 | | | | | | | | | | | | | | |
| 180517 | GROUNDWATER ELEVATION | | 861.54 | FT MSL | | | | | | | | | | | |
| **Sample Point:** MW100 | **WDNR Point ID:** 175 | | | | | | | | | | | | | | |
| 180517 | GROUNDWATER ELEVATION | | 864.05 | FT MSL | | | | | | | | | | | |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** 08FB **WDNR Point ID:** 997 | | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | | | | | | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | | | | | | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | | | | | | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | | | | | | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | | M | M | 5.0 | 1.2 | 4.1 | 998310390 |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | | | | | | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | | | | | | M | M | 10 | 3.0 | 10 | 998310390 |
| 180516 | ALKALINITY-TOTAL AS CACO3 (FILT) | N | | MG/L | | | | | | M | M | 10.0 | 4.0 | 13.3 | 998310390 |
| 180516 | BENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | | | | | | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | | | | | | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | | | | | | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | | | | | | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | | | | | | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | ETHYLBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | IRON-DISSOLVED AS FE | N | | MG/L | | | | | | M | M | 0.030 | 0.019 | 0.064 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** 08FB | **WDNR Point ID:** 997 | | | | | | | | | | | | | | |
| 180516 | MANGANESE-DISSOLVED AS MN | J | 0.67 | UG/L | | | | | | M | M | 2.0 | 0.40 | 1.3 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | | | | | | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | | | | | | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | | | | | | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | NITRITE PLUS NITRATE-DISSOLVED AS N | N | | MG/L AS N | | | | | | M | M | 0.050 | 0.020 | 0.067 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | STYRENE | N | | UG/L | | | | | | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | SULFATE-DISSOLVED AS SO4 | N | | MG/L | | | | | | M | M | 2.0 | 0.35 | 1.2 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | | | | | | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | | | | | | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | | | | | | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | | | | | | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | | | | | | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.26 | 0.87 | 998310390 |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | | | | | | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | | | | | | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | | | | | | M | M | 0.020 | 0.004 | 0.013 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | | | | | | M | M | 2.0 | 0.66 | 2.2 | 998310390 |
| **Sample Point:** TB | **WDNR Point ID:** 999 | | | | | | | | | | | | | | |
| 180516 | 1,1,1-TRICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.82 | 2.7 | 998310390 |
| 180516 | 1,1,2,2-TETRACHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,1,2-TRICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.23 | 0.77 | 998310390 |
| 180516 | 1,1-DICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.38 | 1.3 | 998310390 |
| 180516 | 1,1-DICHLOROETHYLENE | N | | UG/L | | | | | | M | M | 1.0 | 0.29 | 0.97 | 998310390 |
| 180516 | 1,2,4-TRICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | 1,2-DIBROMO-3-CHLOROPROPANE | N | | UG/L | | | | | | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | 1,2-DIBROMOETHANE (EDB) | N | | UG/L | | | | | | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | 1,2-DICHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.21 | 0.70 | 998310390 |
| 180516 | 1,2-DICHLOROPROPANE | N | | UG/L | | | | | | M | M | 1.0 | 0.72 | 2.4 | 998310390 |
| 180516 | 2-HEXANONE | N | | UG/L | | | | | | M | M | 5.0 | 1.2 | 4.1 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** TB **WDNR Point ID:** 999 | | | | | | | | | | | | | | | |
| 180516 | 4-METHYL-2-PENTANONE (MIBK) | N | | UG/L | | | | | | M | M | 5.0 | 2.1 | 7.0 | 998310390 |
| 180516 | ACETONE | N | | UG/L | | | | | | M | F | 10 | 3.0 | 10 | 998310390 |
| 180516 | BENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | BROMODICHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.39 | 1.3 | 998310390 |
| 180516 | BROMOMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.69 | 2.3 | 998310390 |
| 180516 | CARBON DISULFIDE | N | | UG/L | | | | | | M | M | 1.0 | 0.19 | 0.63 | 998310390 |
| 180516 | CARBON TETRACHLORIDE | N | | UG/L | | | | | | M | M | 1.0 | 0.27 | 0.90 | 998310390 |
| 180516 | CHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.75 | 2.5 | 998310390 |
| 180516 | CHLOROETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | CHLOROFORM | N | | UG/L | | | | | | M | M | 1.0 | 0.34 | 1.1 | 998310390 |
| 180516 | CHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.35 | 1.2 | 998310390 |
| 180516 | CIS-1,2-DICHLOROETHENE | N | | UG/L | | | | | | M | M | 1.0 | 0.81 | 2.7 | 998310390 |
| 180516 | CIS-1,3-DICHLOROPROPENE | N | | UG/L | | | | | | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | DIBROMOCHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.32 | 1.1 | 998310390 |
| 180516 | DIBROMOMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.41 | 1.4 | 998310390 |
| 180516 | DICHLORODIFLUOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.68 | 2.3 | 998310390 |
| 180516 | DICHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.44 | 1.5 | 998310390 |
| 180516 | ETHYLBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.74 | 2.5 | 998310390 |
| 180516 | FLUOROTRICHLOROMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.88 | 2.9 | 998310390 |
| 180516 | M-DICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.78 | 2.6 | 998310390 |
| 180516 | METHYL ETHYL KETONE (MEK) | N | | UG/L | | | | | | M | M | 10 | 1.3 | 4.4 | 998310390 |
| 180516 | METHYL TERT-BUTYL ETHER (MTBE) | N | | UG/L | | | | | | M | M | 1.0 | 0.16 | 0.53 | 998310390 |
| 180516 | NAPHTHALENE | N | | UG/L | | | | | | M | M | 1.0 | 0.43 | 1.4 | 998310390 |
| 180516 | O-DICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.79 | 2.6 | 998310390 |
| 180516 | P-DICHLOROBENZENE | N | | UG/L | | | | | | M | M | 1.0 | 0.84 | 2.8 | 998310390 |
| 180516 | STYRENE | N | | UG/L | | | | | | M | M | 1.0 | 0.73 | 2.4 | 998310390 |
| 180516 | TETRACHLOROETHYLENE | N | | UG/L | | | | | | M | M | 1.0 | 0.36 | 1.2 | 998310390 |
| 180516 | TETRAHYDROFURAN | N | | UG/L | | | | | | M | M | 5.0 | 1.3 | 4.2 | 998310390 |
| 180516 | TOLUENE | N | | UG/L | | | | | | M | M | 1.0 | 0.51 | 1.7 | 998310390 |
| 180516 | TRANS-1,2-DICHLOROETHENE (TOTAL) | N | | UG/L | | | | | | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | TRANS-1,3-DICHLOROPROPENE | N | | UG/L | | | | | | M | M | 1.0 | 0.37 | 1.2 | 998310390 |
| 180516 | TRIBROMOMETHANE | N | | UG/L | | | | | | M | M | 1.0 | 0.26 | 0.87 | 998310390 |

| Sample Date | Parameter | Qualifier | Value | Units | PAL | ES | Type of Exceedance | Type of Standard | QC 1 | QC 2 | QC 3 | RL | LOD | LOQ | WDNR Lab Cert |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Point:** TB | | **WDNR Point ID:** 999 | | | | | | | | | | | | | |
| 180516 | TRICHLOROETHYLENE | N | | UG/L | | | | | | M | M | 1.0 | 0.46 | 1.5 | 998310390 |
| 180516 | VINYL CHLORIDE | N | | UG/L | | | | | | M | M | 1.0 | 0.90 | 3.0 | 998310390 |
| 180516 | XYLENES-TOTAL | N | | UG/L | | | | | | M | M | 2.0 | 0.66 | 2.2 | 998310390 |