GeoEngineers

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July 11, 2022

Alan Noell, PhD, PE
Solid Waste Management Program
Washington State Department of Ecology, Northwest Regional Office
3190 160th Avenue SE
Bellevue, Washington 98008-5452

Subject: Second Quarter 2022 Progress Report
Go East Corp Landfill Site
Snohomish County, Washington
Agreed Order No. DE 18121
GeoEngineers Project No. 6694-002-05

Dear Mr. Noell,

GeoEngineers, Inc. (GeoEngineers) has prepared this Second Quarter 2022 Progress Report on behalf of P&GE, LLC for the Go East Corp Landfill Site (Site) pursuant to Agreed Order No. DE 18121 (Agreed Order). This report summarizes actions performed during the first quarter of 2022 to implement the requirements of the Agreed Order and includes the information specified in Section VII.C of the Agreed Order.

## ON-SITE ACTIVITIES

The third and fourth rounds of groundwater and surface water sampling were performed during Q2 that included the following sampling locations:

- Wells MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, MW-8, MW-9 and MW-10. MW-5 was additionally sampled between the third and fourth rounds of sampling per the Remedial Investigation (RI) Work Plan.
- Surface water sample location SWS-1 was sampled from the spring box.
- Samples were collected from two seeps.

The data available as of the writing of this report (i.e., through the third round of sampling) is attached.

## DEVIATIONS FROM REQUIRED TASKS NOT OTHERWISE DOCUMENTED IN PROJECT PLANS OR AMENDMENT REQUESTS

- None.

## DEVIATIONS FROM THE AGREED ORDER SCOPE OF WORK AND SCHEDULE

- None.

## PLANNED DEVIATIONS FROM THE AGREED ORDER SCOPE OF WORK AND SCHEDULE IN THE UPCOMING QUARTER

- None.

## PLAN FOR RECOVERING LOST TIME AND MAINTAINING COMPLIANCE WITH THE AGREED ORDER SCHEDULE (APPLICABLE IF SCHEDULE DEVIATIONS OCCURRED DURING THE QUARTER)

- Not applicable.

## RAW DATA RECEIVED NOT PREVIOUSLY SUBMITTED TO ECOLOGY

- The groundwater and surface water data collected by GeoEngineers through the third round of sampling (May 2022) is attached.

## PLANNED DELIVERABLES FOR THE UPCOMING QUARTER (IF DIFFERENT FROM THE AGREED ORDER SCHEDULE)

- Data from planned additional sampling activities includes the sediment sampling and sampling soil within former temporary stormwater pond.

GeoEngineers trusts that this report meets Ecology's needs. Please call Garrett Leque at 253.312.7958 if you have questions.

Sincerely,
GeoEngineers, Inc.

Garrett R. Leque, LG
Senior Environmental Geologist

Terry R. McPhetridge, LG, LHG
Principal

Attachments:
Table 1. All Data - 2021 Through May 2022
Table 2. Groundwater Data - 2021 Through May 2022
Table 3. Surface Water Data - 2021 Through May 2022
Table 4. Geochemical Indicators - 2021 Through May 2022
Table 5. Leachate Indicators - 2021 Through May 2022

GRL:TRM:leh

# Table 1

## All Data - 2021 Through May 2022

**Former Go East Landfill**

**Everett, Washington**

| | | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | | | |
| Temperature (C) | NE | NE | 9.92 | 9.6 | 10.1 | 10.02 | 9.8 | 49.2 | 9.4 | 10.22 | 10.0 | 10.5 | 11.6 |
| Dissolved oxygen (mg/L) | NE | NE | 2.66 | 7.14 | 0.51 | 0.88 | 0.32 | 4.60 | 10.44 | 3.72 | 0.08 | 4.15 | 6.78 |
| Specific Conductance (uS/cm) | NE | NE | 121 | 137.5 | 152 | 158 | 273.6 | 190.2 | 183 | 174 | 264.4 | 191.0 | 219.6 |
| pH | NE | NE | 7.70 | 7.97 | 7.86 | 6.65 | 8.18 | 8.26 | 8.18 | 6.81 | 8.24 | 8.32 | 8.12 |
| Oxidation-Reduction Potential (mV) | NE | NE | -184.9 | -106.9 | -152.7 | -139.8 | -280.2 | 18.5 | 128 | -113.0 | -309.0 | -173.0 | 52.7 |
| Turbidity (NTU) | NE | NE | 5.39 | 35.9 | 34.9 | 16.1 | 9.95 | 32.0 | 21 | 41.9 | 2.97 | 88.7 | 87.4 |
| **Conventionals (mg/L)** | | | | | | | | | | | | | |
| Total Organic Carbon | NE | NE | **0.77** | – | – | **0.56** | – | – | – | 0.50 U | – | – | – |
| Alkalinity as $CaCO_3$ | NE | NE | **87** | **86** | **86** | **110** | **120** | **120** | **110** | **110** | **110** | **110** | **100** |
| Bicarbonate Ion ($HCO_3$) | NE | NE | **87** | **86** | **86** | **110** | **120** | **120** | **110** | **110** | **110** | **110** | **100** |
| Ammonia (Total as N) | NE | NE | – | **0.21** | **0.13** | – | **0.097** | **0.11** | **0.14** | – | **0.059** | **0.061** | **0.060** |
| Total Dissolved Solids | NE | NE | **120** | **100** | **120** | **160** | **150** | **160** | **170** | **170** | **140 J** | **170** | **170** |
| Total Calcium | NE | NE | **17000** | – | – | **21000** | – | – | – | **23000** | – | – | – |
| Dissolved Calcium | NE | NE | **16000** | **18000** | **17000** | **20000** | **22000** | **23000** | **22000** | **22000** | **23000** | **24000** | **23000** |
| Chloride | NE | NE | **3.6** | **3.9** | **2.3** | **4.6** | **5.7** | **5.1** | **3.4** | **6.5** | **6.3** | **6.6** | **6.4** |
| Nitrate (Total as N) | NE | NE | 0.15 U | 0.050 U | 0.050 U | 0.15 U | 0.050 U | **0.079 J** | 0.050 U | **0.25** | 0.050 UJ | **0.090** | 0.050 U |
| Nitrite | NE | NE | 0.14 U | – | – | 0.14 U | – | – | – | 0.14 U | – | – | – |
| Total Potassium | NE | NE | **2900** | – | – | **3200** | – | – | – | **3300** | – | – | – |
| Dissolved Potassium | NE | NE | **2700** | **2500** | **2100** | **3000** | **2000** | **2700** | **2700** | **2800** | **1900** | **1900** | **2400** |
| Total Sodium | NE | NE | **5000** | – | – | **6300** | – | – | – | **7300** | – | – | – |
| Dissolved Sodium | NE | NE | **4900** | **5700** | **5400** | **6000** | **7000** | **6600** | **6400** | **7200** | **8200** | **7000** | **7000** |
| Sulfate | NE | NE | **1.2** | 5.0 U | 5.0 U | **8.1** | **12** | **10** | **7.7** | **14** | **14** | **9.7** | **13** |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | 1 | – | 0.10 U | 0.10 U | – | 0.10 U | 0.10 U | 0.10 U | – | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 0.5 | 3 | – | 0.20 U | 0.20 U | – | 0.20 U | 0.21 U | 0.21 U | – | 0.20 U | 0.23 U | 0.22 U |
| Lube oil-range hydrocarbons | 0.5 | 3 | – | 0.20 U | 0.20 U | – | 0.20 U | 0.21 U | 0.21 U | – | 0.20 U | 0.23 U | 0.22 U |
| Sum of diesel+oil-range hydrocarbons | 0.5 | 3 | – | 0.20 U | 0.20 U | – | 0.20 U | 0.21 U | 0.21 U | – | 0.20 U | 0.23 U | 0.22 U |
| **Total Metals (ug/L)** | | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | **5.1** | **5.8** | **5.3** | **4.7** | **4.8** | **5.3** | **11** | **4.4** | **3.6** | **5.0** | **3.6** |
| Cadmium | 4.4 | 4.4 | – | 4.4 U | 4.4 U | – | 4.4 U | 4.4 U | 4.4 U | – | 4.4 U | 4.4 U | 4.4 U |
| Chromium | 50 | NE | **1.5** | 11 U | 11 U | **2.7** | 11 U | 11 U | 11 U | **8.9** | 11 U | 11 U | 11 U |
| Copper | 11 | 11 | – | 11 U | 11 U | – | 11 U | 11 U | 11 U | – | 11 U | 11 U | 11 U |
| Iron | 300 | 1000 | **860** | **1900** | **2200** | **1200** | **370** | **1600** | **6200** | **4100** | **110** | **2500** | **3800** |
| Lead | 1.1 | 1.1 | – | 1.1 U | 1.1 U | – | 1.1 U | 1.1 U | **2.0** | – | 1.1 U | **1.2** | **1.1** |
| Magnesium | NE | NE | **8900** | **10000** | **9900** | **14000** | **18000** | **17000** | **15000** | **14000** | **15000** | **14000** | **14000** |
| Manganese | 50 | 50 | **270** | **390** | **360** | **230** | **300** | **310** | **350** | **260** | **190** | **240** | **220** |
| Mercury | 0.025 | 0.025 | – | 0.025 U | 0.025 U | – | 0.025 U | 0.025 U | 0.025 U | – | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 26 | – | **86** | 22 U | – | 22 U | 22 U | 22 U | – | 22 U | 22 U | 22 U |
| Selenium | 5.6 | 5.6 | – | 5.6 U | 5.6 U | – | 5.6 U | 5.6 U | 5.6 U | – | 5.6 U | 5.6 U | 5.6 U |
| Zinc | 100 | 100 | **2.3** | 28 U | 28 U | **4.2** | 28 U | 28 U | 28 U | **27** | 28 U | 28 U | 28 U |

| | | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | **4.9** | **5.0** | **4.9** | **4.5** | **4.2** | **4.6** | **13** | **3.2** | **3.4** | **3.4** | **3.1** |
| Cadmium | 4.4 | 4.4 | -- | 4.0 U | 4.0 U | -- | 4.0 U | 4.0 U | 4.0 U | -- | 4.0 U | 4.0 U | 4.0 U |
| Chromium | 50 | NE | 0.29 U | 10 U | 10 U | 0.29 U | 10 U | 10 U | 10 U | 0.29 U | 10 U | 10 U | 10 U |
| Copper | 11 | 11 | -- | 10 U | 10 U | -- | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U |
| Iron | 300 | 1000 | **74** | **330** | **440** | **48** | 56 U | 56 U | 56 U | **32** | 56 U | 56 U | 56 U |
| Lead | 1.1 | 1.1 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U |
| Magnesium | NE | NE | **8500** | **9200** | **8800** | **13000** | **16000** | **15000** | **13000** | **12000** | **14000** | **13000** | **13000** |
| Manganese | 50 | 50 | **240** | **350** | **310** | **210** | **270** | **250** | **200** | **140** | **170** | **180** | **150** |
| Mercury | 0.025 | 0.025 | -- | 0.025 U | 0.025 U | -- | 0.025 U | 0.025 U | 0.025 U | -- | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 26 | -- | 20 U | 20 U | -- | 20 U | 20 U | 20 U | -- | 20 U | 20 U | 20 U |
| Selenium | 5.6 | 5.6 | -- | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U |
| Zinc | 100 | 100 | 2.2 U | 25 U | 25 U | 2.2 U | 25 U | 25 U | 25 U | 2.2 U | 25 U | 25 U | 25 U |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | | |
| 4,4'-DDD | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| 4,4'-DDE | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| 4,4'-DDT | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Aldrin | 0.005 | 0.005 | -- | 0.0020 U | 0.0019 U | -- | 0.0019 U | 0.0019 U | 0.0019 U | -- | 0.0019 U | 0.0020 U | 0.0020 U |
| Alpha-BHC | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Beta-BHC | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| cis-Chlordane | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Delta-BHC | NE | NE | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Dieldrin | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endosulfan I | 0.056 | 0.056 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endosulfan II | 0.056 | 0.056 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endosulfan Sulfate | 9 | 9 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endrin | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endrin Aldehyde | 0.034 | 0.034 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endrin Ketone | NE | NE | -- | 0.020 U | 0.019 U | -- | 0.019 U | 0.019 U | 0.019 U | -- | 0.019 U | 0.020 U | 0.020 U |
| Gamma-BHC | 0.06 | 0.08 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Heptachlor | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Heptachlor Epoxide | 0.005 | 0.005 | -- | 0.0029 U | 0.0029 U | -- | 0.0028 U | 0.0029 U | 0.0029 U | -- | 0.0028 U | 0.0030 U | 0.0030 U |
| Methoxychlor | 0.02 | 0.02 | -- | 0.0098 U | 0.0095 U | -- | 0.0095 U | 0.0096 U | 0.0097 U | -- | 0.0095 U | 0.010 U | 0.010 U |
| Toxaphene | 0.05 | 0.05 | -- | 0.049 U | 0.048 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| trans-Chlordane | 0.005 | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| **Herbicides (ug/L)** | | | | | | | | | | | | | |
| 2,4,5-T | 160 | 100 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 2,4,5-TP | 10 | 1300 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 2,4-D | 70 | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 2,4-DB | 480 | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 3,5-Dichlorobenzoic Acid | NE | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 4-Nitrophenol | NE | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Acifluorfen | NE | NE | -- | 4.96 U | -- | -- | 4.92 U | 4.99 U | -- | -- | 4.99 U | 4.94 U | -- |
| Bentazon | NE | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Chloramben | NE | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Chlorthal-dimethyl (DACTHAL) | NE | NE | -- | 1.98 U | -- | -- | 1.97 U | 1.99 U | -- | -- | 1.99 U | 1.97 U | -- |
| Dalapon | 200 | NE | -- | 1.98 U | -- | -- | 1.97 U | 1.99 U | -- | -- | 1.99 U | 1.97 U | -- |

| | | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| Dicamba | 480 | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Dichlorprop | NE | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Dinoseb | 7 | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| MCPA | 23 | NE | -- | 4.96 U | -- | -- | 4.92 U | 4.99 U | -- | -- | 4.99 U | 4.94 U | -- |
| MCPP | 16 | NE | -- | 4.96 U | -- | -- | 4.92 U | 4.99 U | -- | -- | 4.99 U | 4.94 U | -- |
| Pentachlorophenol | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Picloram | NE | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1221 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1232 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1242 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1248 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1254 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1260 | NE | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| Total PCB Aroclors | 0.05 | 0.05 | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1,1-Trichloroethane | 200 | 10000 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | 0.35 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1-Dichloroethane | 1 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1-Dichloroethylene | 7 | 300 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1-Dichloropropene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.27 U | 0.20 U | 0.20 U | -- | 0.25 U | 20 U | 0.20 U |
| 1,2,3-Trichloropropane | 0.2 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | 80 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | 1 | NE | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| 1,2-Dibromoethane | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dichloroethane | 0.5 | 8.9 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dichloropropane | 0.6 | 0.71 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | 80 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,3-Dichloropropane | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 2,2-Dichloropropane | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 2-Chlorotoluene | 160 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 2-Hexanone | 40 | NE | -- | 2.0 U | 2.0 U | -- | 2.0 U | 2.0 U | 2.0 U | -- | 2.0 U | 200 U | 2.0 U |
| 4-Chlorotoluene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 4-Isopropyltoluene | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Acetone | 7200 | NE | -- | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U | -- | **86** | **3900** | 5.0 U |
| Benzene | 0.44 | 0.44 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Bromobenzene | 64 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Bromochloromethane | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Bromoform | 4.6 | 4.6 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |

| | | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| Bromomethane | 11 | 100 | -- | 1.0 U | 2.3 U | -- | 0.33 U | 0.20 U | 2.3 U | -- | 0.27 U | 100 U | 2.8 U |
| Carbon Disulfide | 400 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Carbon Tetrachloride | 0.2 | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Chlorobenzene | 20 | 20 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Chloroethane | 19000 | NE | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Chloroform | 1.2 | 60 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Chloromethane | 150 | NE | -- | 1.0 U | 1.0 U | -- | 1.3 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.3 U |
| cis-1,2-Dichloroethylene | 16 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| cis-1,3-Dichloropropene | 0.22 | 0.22 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dibromochloromethane | 0.6 | 0.6 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dibromomethane | 80 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dichlorobromomethane | 0.3 | 0.73 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dichlorodifluoromethane | 5.6 | NE | -- | 0.20 U | 0.20 U | -- | 0.31 U | 0.20 U | 0.20 U | -- | 0.26 U | 100 U | 0.39 U |
| Ethylbenzene | 29 | 29 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Hexachlorobutadiene | NE | NE | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Isopropylbenzene | 800 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | 4800 | NE | -- | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U | -- | **12** | **540** | 5.0 U |
| Methyl Iodide | NE | NE | -- | 5.0 U | 34 U | -- | 1.4 U | 1.6 U | 34 U | -- | 1.3 U | 500 U | 14 U |
| Methyl isobutyl ketone | 640 | NE | -- | 2.0 U | 2.0 U | -- | 2.0 U | 2.0 U | 2.0 U | -- | 2.0 U | 200 U | 2.0 U |
| Methyl tert-butyl ether | 24 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Methylene Chloride | 5 | 10 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Naphthalene | 8.9 | NE | -- | 1.0 U | 1.0 U | -- | 1.3 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| n-Butylbenzene | 400 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| n-Propylbenzene | 800 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Sec-Butylbenzene | 800 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Styrene | 100 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Tert-Butylbenzene | 800 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Tetrachloroethylene | 0.8 | 2.4 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Toluene | 57 | 57 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| trans-1,2-Dichloroethylene | 100 | 100 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| trans-1,3-Dichloropropene | 0.22 | 0.22 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Trichloroethylene | 0.3 | 0.3 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Trichlorofluoromethane | 120 | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Vinyl Acetate | 7800 | NE | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Vinyl Chloride | 0.2 | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Xylene, m-,p- | NE | NE | -- | 0.40 U | 0.40 U | -- | 0.40 U | 0.40 U | 0.40 U | -- | 0.40 U | 40 U | 0.40 U |
| Xylene, o- | NE | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Total xylenes | 330 | NE | -- | 0.40 U | 0.40 U | -- | 0.40 U | 0.40 U | 0.40 U | -- | 0.40 U | 40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,2-Dichlorobenzene | 600 | 700 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,2-Dinitrobenzene | 1.6 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,2-Diphenylhydrazine | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,3-Dichlorobenzene | 2 | 2 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,3-Dinitrobenzene | 1.6 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,4-Dichlorobenzene | 4.9 | 60 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,4-Dinitrobenzene | 1.6 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |

| | | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | | | |
| 2,2'-Oxybis[1-chloropropane] | NE | NE | -- | -- | -- | -- | 0.95 U | -- | -- | -- | 0.95 U | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,3,5,6-Tetrachlorophenol | NE | NE | -- | 0.97 U | 1.0 U | -- | 1.1 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,3-Dichloroaniline | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4,5-Trichlorophenol | 300 | 300 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4,6-Trichlorophenol | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4-Dichlorophenol | 10 | 10 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4-Dimethylphenol | 85 | 85 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4-Dinitrophenol | 10 | 10 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 7.7 U | 5.2 U |
| 2,4-Dinitrotoluene | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,6-Dichlorophenol | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 1 | 600 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Chloronaphthalene | 100 | 100 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Chlorophenol | 15 | 15 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-methylphenol | 400 | 8000000 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Nitroaniline | 160 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Nitrophenol | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 3&4-Methylphenol | 400 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 3,3'-Dichlorobenzidine | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 3-Nitroaniline | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 5 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| 4-Bromophenyl phenyl ether | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Chloro-3-Methylphenol | 36 | 36 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Chloroaniline | 1 | 4600 | -- | 1.3 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Chlorophenyl phenyl ether | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Nitroaniline | 64 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Nitrophenol | NE | NE | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Aniline | 7.7 | NE | -- | 4.9 U | 6.5 U | -- | 4.7 U | 4.8 U | 6.3 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Benzyl Alcohol | 800 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Bis(2-Chloroethoxy)Methane | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Bis(2-Chloroethyl)Ether | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Bis(2-chloroisopropyl) ether | NE | NE | -- | 0.97 U | 1.0 U | -- | -- | 0.95 U | 0.99 U | -- | -- | 0.97 U | 1.0 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 1 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Butyl benzyl Phthalate | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Carbazole | 5 | 51 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Di(2-ethylhexyl)adipate | NE | NE | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Dibenzofuran | NE | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Dibutyl Phthalate | 8 | 8 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Diethyl Phthalate | 200 | 200 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Dimethyl Phthalate | 600 | 600 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Di-N-Octyl Phthalate | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachlorobenzene | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachlorobutadiene | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachlorocyclopentadiene | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachloroethane | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Isophorone | 27 | 27 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Nitrobenzene | 10 | 10 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |

| | | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| N-Nitrosodimethylamine | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| N-Nitrosodi-n-propylamine | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| N-Nitrosodiphenylamine | 1 | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Pentachlorophenol | 5 | 5 | -- | 4.9 U | 6.3 U | -- | 4.7 U | 4.8 U | 6.2 U | -- | 4.7 U | 4.9 U | 2.1 U |
| Phenol | 160 | 160 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Pyridine | 8 | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | NE | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| 2-Methylnaphthalene | 32 | NE | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Acenaphthene | 30 | 30 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Acenaphthylene | NE | NE | -- | 0.097 U | 0.10 U | -- | 0.21 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Anthracene | 100 | 100 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Benzo(a)anthracene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(a)pyrene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(b)fluoranthene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(g,h,i)perylene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(j,k)fluoranthene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Chrysene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Dibenzo(a,h)anthracene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Fluoranthene | 0.1 | 0.1 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Fluorene | 10 | 10 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Indeno(1,2,3-c,d)pyrene | NE | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Naphthalene | 8.9 | 1400 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Phenanthrene | NE | NE | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Pyrene | 0.1 | 0.1 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | 0.0076 | -- | 0.00732 U | 0.00755 U | -- | 0.00717 U | 0.00717 U | 0.00747 U | -- | 0.00717 U | 0.00732 U | 0.00755 U |

| | | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | | | |
| Temperature (C) | NE | NE | 10.5 | 8.0 | 9.9 | 10.7 | 11.9 | 14.3 | 13.4 | 14.2 | 10.5 | 9.4 | 9.8 |
| Dissolved oxygen (mg/L) | NE | NE | 10.03 | 0.76 | 0.39 | 10.66 | 7.86 | 1.52 | 0.74 | 5.10 | 4.22 | 10.25 | 11.54 |
| Specific Conductance (uS/cm) | NE | NE | 294.3 | 292.9 | 208.0 | 491.9 | 253.3 | 451.0 | 362.6 | 461.5 | 237.8 | 162.3 | 192.8 |
| pH | NE | NE | 8.02 | 7.43 | 7.74 | 8.64 | 7.73 | 6.69 | 6.69 | 6.56 | 7.99 | 8.07 | 8.10 |
| Oxidation-Reduction Potential (mV) | NE | NE | -119.3 | 124.1 | -111.8 | 189.6 | 157.0 | -177.7 | 15.8 | 138.4 | -136.5 | 253.4 | 201.8 |
| Turbidity (NTU) | NE | NE | 6.66 | 13.6 | 7.13 | 27.9 | 29 | 9.82 | 6.28 | 27.7 | 98.1 | 26.1 | 64.0 |
| **Conventionals (mg/L)** | | | | | | | | | | | | | |
| Total Organic Carbon | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Alkalinity as $CaCO_3$ | NE | NE | -- | -- | **120** | **120** | **120** | **190** | **200** | **230** | **100** | **94** | **110** |
| Bicarbonate Ion ($HCO_3$) | NE | NE | -- | -- | **120** | **120** | **120** | **190** | **200** | **230** | **100** | **94** | **110** |
| Ammonia (Total as N) | NE | NE | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | **0.10** | **0.096** | **0.10** | 0.050 U | 0.050 U | 0.050 U |
| Total Dissolved Solids | NE | NE | **160** | **160** | **150** | **160** | **200** | **250** | **270** | **290** | **120** | **140** | **150** |
| Total Calcium | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Calcium | NE | NE | **27000** | **26000** | **28000** | **24000** | **27000** | **41000** | **44000** | **44000** | **20000** | **18000** | **20000** |
| Chloride | NE | NE | **7.3** | **7.1** | **6.2** | **6.7** | **6.9** | **5.3** | **5.7** | **3.9** | **9.0** | **5.3** | **2.5** |
| Nitrate (Total as N) | NE | NE | **0.21 J** | **0.063** | 0.050 U | 0.050 U | 0.050 U | **0.62** | **0.12 J** | **0.12** | **0.22** | **0.12 J** | 0.050 U |
| Nitrite | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total Potassium | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Potassium | NE | NE | **2000** | **3600** | **2000** | **2400** | **2500** | **2400** | **2500** | **2500** | **1900** | **2200** | **2100** |
| Total Sodium | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Sodium | NE | NE | **7400** | **6600** | **6500** | **6700** | **7200** | **18000** | **19000** | **16000** | **7600** | **6000** | **6600** |
| Sulfate | NE | NE | **14** | **15** | **14** | **14** | **14** | **26** | **25** | **26** | **8.5** | **5.9** | 5.0 U |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | 1 | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 0.5 | 3 | 0.15 U | **0.41** | 0.21 U | 0.10 U | 0.20 U | 0.21 U | 0.22 U | 0.20 U | 0.20 U | 0.20 U | 0.22 U |
| Lube oil-range hydrocarbons | 0.5 | 3 | 0.20 U | **0.74** | 0.21 U | 0.20 U | 0.20 U | 0.21 U | 0.22 U | 0.20 U | 0.20 U | 0.20 U | 0.22 U |
| Sum of diesel+oil-range hydrocarbons | 0.5 | 3 | 0.20 U | **1.15** | 0.21 U | 0.20 U | 0.20 U | 0.21 U | 0.22 U | 0.20 U | 0.20 U | 0.20 U | 0.22 U |
| **Total Metals (ug/L)** | | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | **5.1** | **5.8** | **6.6** | **6.6** | **7.8** | **3.5** | **4.2** | **5.8** | **11** | **10** | **12** |
| Cadmium | 4.4 | 4.4 | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U |
| Chromium | 50 | NE | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | **13** |
| Copper | 11 | 11 | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | **27** |
| Iron | 300 | 1000 | **360** | **1000** | **130 J** | **200** | **600** | **420** | **1100** | **2000** | **6900** | **2100** | **24000** |
| Lead | 1.1 | 1.1 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | **3.2** | **1.2** | **8.8** |
| Magnesium | NE | NE | **17000** | **15000** | **13000** | **15000** | **14000** | **23000** | **24000** | **24000** | **18000** | **13000** | **24000** |
| Manganese | 50 | 50 | **390** | **290** | **270** | **230** | **290** | **1800** | **2100** | **2100** | **680** | **180** | **1300** |
| Mercury | 0.025 | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 26 | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | **42** | 22 U | **36** |
| Selenium | 5.6 | 5.6 | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U |
| Zinc | 100 | 100 | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | **42** |

| | | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | **4.2** | **4.7** | **5.7** | **4.9** | **5.7** | **3.0** | **3.9** | **4.2** | **8.5** | **8.8** | **9.1** |
| Cadmium | 4.4 | 4.4 | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U |
| Chromium | 50 | NE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Copper | 11 | 11 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Iron | 300 | 1000 | 56 U | 56 U | **65** | 56 U | 56 U | **62** | **74** | **67** | 56 U | 56 U | 56 U |
| Lead | 1.1 | 1.1 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Magnesium | NE | NE | **15000** | **14000** | **14000** | **12000** | **16000** | **22000** | **21000** | **23000** | **14000** | **12000** | **13000** |
| Manganese | 50 | 50 | **330** | **260** | **280** | **190** | **300** | **1800** | **2000** | **2000** | **250** | **62** | **32** |
| Mercury | 0.025 | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 26 | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Selenium | 5.6 | 5.6 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Zinc | 100 | 100 | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | | |
| 4,4'-DDD | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| 4,4'-DDE | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| 4,4'-DDT | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Aldrin | 0.005 | 0.005 | 0.0019 U | 0.0019 U | 0.0019 U | 0.0019 U | 0.0019 U | 0.0019 U | 0.0020 U | 0.0020 U | 0.0019 U | 0.0021 U | 0.0023 U |
| Alpha-BHC | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Beta-BHC | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| cis-Chlordane | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Delta-BHC | NE | NE | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Dieldrin | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endosulfan I | 0.056 | 0.056 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endosulfan II | 0.056 | 0.056 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endosulfan Sulfate | 9 | 9 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endrin | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endrin Aldehyde | 0.034 | 0.034 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endrin Ketone | NE | NE | 0.019 U | 0.019 U | 0.019 U | 0.019 U | 0.019 U | 0.019 U | 0.020 U | 0.020 U | 0.019 U | 0.021 U | 0.023 U |
| Gamma-BHC | 0.06 | 0.08 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Heptachlor | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Heptachlor Epoxide | 0.005 | 0.005 | 0.0029 U | 0.0029 U | 0.0029 U | 0.0029 U | 0.0029 U | 0.0029 U | 0.0030 U | 0.0030 U | 0.0028 U | 0.0032 U | 0.0035 U |
| Methoxychlor | 0.02 | 0.02 | 0.0095 U | **0.011** | 0.0095 U | 0.0097 U | 0.0097 U | 0.0095 U | 0.010 U | 0.010 U | 0.0095 U | 0.011 U | 0.012 U |
| Toxaphene | 0.05 | 0.05 | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| trans-Chlordane | 0.005 | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| **Herbicides (ug/L)** | | | | | | | | | | | | | |
| 2,4,5-T | 160 | 100 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 2,4,5-TP | 10 | 1300 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 2,4-D | 70 | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 2,4-DB | 480 | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 3,5-Dichlorobenzoic Acid | NE | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 4-Nitrophenol | NE | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Acifluorfen | NE | NE | 4.93 U | 4.95 U | 4.98 U | -- | -- | 4.99 U | 4.95 U | -- | 4.94 U | 4.92 U | -- |
| Bentazon | NE | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Chloramben | NE | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Chlorthal-dimethyl (DACTHAL) | NE | NE | 1.97 U | 1.98 U | 1.99 U | -- | -- | 1.99 U | 1.98 U | -- | 1.98 U | 1.97 U | -- |
| Dalapon | 200 | NE | 1.97 U | 1.98 U | 1.99 U | -- | -- | 1.99 U | 1.98 U | -- | 1.98 U | 1.97 U | -- |

| | | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| Dicamba | 480 | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Dichlorprop | NE | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Dinoseb | 7 | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| MCPA | 23 | NE | 4.93 U | 4.95 U | 4.98 U | -- | -- | 4.99 U | 4.95 U | -- | 4.94 U | 4.92 U | -- |
| MCPP | 16 | NE | 4.93 U | 4.95 U | 4.98 U | -- | -- | 4.99 U | 4.95 U | -- | 4.94 U | 4.92 U | -- |
| Pentachlorophenol | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Picloram | NE | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1221 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1232 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1242 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1248 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1254 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1260 | NE | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| Total PCB Aroclors | 0.05 | 0.05 | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,1-Trichloroethane | 200 | 10000 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | 0.2 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | 0.35 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethane | 1 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethylene | 7 | 300 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloropropene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | NE | 0.25 U | 0.20 U | 0.20 U | 0.25 U | 0.20 U | 0.27 U | 0.20 U | 0.20 U | 0.27 U | 0.20 U | 0.20 U |
| 1,2,3-Trichloropropane | 0.2 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | 80 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | 1 | NE | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dibromoethane | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloroethane | 0.5 | 8.9 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloropropane | 0.6 | 0.71 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | 80 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichloropropane | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2,2-Dichloropropane | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Chlorotoluene | 160 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Hexanone | 40 | NE | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| 4-Chlorotoluene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 4-Isopropyltoluene | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Acetone | 7200 | NE | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | 0.44 | 0.44 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromobenzene | 64 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromochloromethane | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromoform | 4.6 | 4.6 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

| | | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| Bromomethane | 11 | 100 | 0.20 U | 1.0 U | 2.8 U | 1.0 U | 0.30 U | 0.33 U | 0.20 U | 3.1 U | 0.33 U | 0.20 U | 1.8 U |
| Carbon Disulfide | 400 | NE | 0.20 U | 0.20 U | 0.20 U | 0.27 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.28 U |
| Carbon Tetrachloride | 0.2 | 0.2 | 0.20 U | 0.20 U | 0.28 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chlorobenzene | 20 | 20 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chloroethane | 19000 | NE | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Chloroform | 1.2 | 60 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chloromethane | 150 | NE | 1.3 U | 1.0 U | 1.6 U | 1.0 U | 1.0 U | 1.3 U | 1.0 U | 1.0 U | 1.3 U | 1.3 U | 1.0 U |
| cis-1,2-Dichloroethylene | 16 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| cis-1,3-Dichloropropene | 0.22 | 0.22 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromochloromethane | 0.6 | 0.6 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromomethane | 80 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorobromomethane | 0.3 | 0.73 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorodifluoromethane | 5.6 | NE | 0.30 U | 0.20 U | 0.28 U | 0.26 U | 0.20 U | 0.31 U | 0.29 U | 0.20 U | 0.31 U | 0.31 U | 0.20 U |
| Ethylbenzene | 29 | 29 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Hexachlorobutadiene | NE | NE | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Isopropylbenzene | 800 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | 4800 | NE | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methyl Iodide | NE | NE | 1.5 U | 5.0 U | 8.5 U | 5.0 U | 3.8 U | 1.4 U | 1.0 U | 19 U | 1.4 U | 1.0 U | 28 U |
| Methyl isobutyl ketone | 640 | NE | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Methyl tert-butyl ether | 24 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Methylene Chloride | 5 | 10 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Naphthalene | 8.9 | NE | 1.0 U | 1.0 U | **10** | 1.0 U | 1.0 U | 1.3 U | 1.0 U | 1.0 U | 1.3 U | 1.0 U | 1.0 U |
| n-Butylbenzene | 400 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| n-Propylbenzene | 800 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Sec-Butylbenzene | 800 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Styrene | 100 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Tert-Butylbenzene | 800 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Tetrachloroethylene | 0.8 | 2.4 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Toluene | 57 | 57 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| trans-1,2-Dichloroethylene | 100 | 100 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| trans-1,3-Dichloropropene | 0.22 | 0.22 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Trichloroethylene | 0.3 | 0.3 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Trichlorofluoromethane | 120 | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Vinyl Acetate | 7800 | NE | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Vinyl Chloride | 0.2 | 0.2 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Xylene, m-,p- | NE | NE | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U |
| Xylene, o- | NE | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Total xylenes | 330 | NE | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,2-Dichlorobenzene | 600 | 700 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,2-Dinitrobenzene | 1.6 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,2-Diphenylhydrazine | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,3-Dichlorobenzene | 2 | 2 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,3-Dinitrobenzene | 1.6 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,4-Dichlorobenzene | 4.9 | 60 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,4-Dinitrobenzene | 1.6 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |

| | | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | | | |
| 2,2'-Oxybis[1-chloropropane] | NE | NE | 0.95 U | 0.99 U | -- | -- | -- | 0.98 U | -- | -- | 1.0 U | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,3,5,6-Tetrachlorophenol | NE | NE | 1.1 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 1.2 U | 1.0 U | 0.98 U | 1.2 U | 0.95 U | 1.1 U |
| 2,3-Dichloroaniline | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4,5-Trichlorophenol | 300 | 300 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4,6-Trichlorophenol | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4-Dichlorophenol | 10 | 10 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4-Dimethylphenol | 85 | 85 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4-Dinitrophenol | 10 | 10 | 4.7 U | 5.0 U | 7.9 U | 4.8 U | 11 U | 4.9 U | 8.7 U | 6.2 U | 5.1 U | 6.6 U | 7.5 U |
| 2,4-Dinitrotoluene | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,6-Dichlorophenol | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 1 | 600 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Chloronaphthalene | 100 | 100 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Chlorophenol | 15 | 15 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-methylphenol | 400 | 8000000 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Nitroaniline | 160 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Nitrophenol | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 3&4-Methylphenol | 400 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 3,3'-Dichlorobenzidine | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 3-Nitroaniline | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 5 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 7.6 U | 4.9 U | 6.5 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| 4-Bromophenyl phenyl ether | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Chloro-3-Methylphenol | 36 | 36 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Chloroaniline | 1 | 4600 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Chlorophenyl phenyl ether | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Nitroaniline | 64 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Nitrophenol | NE | NE | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Aniline | 7.7 | NE | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Benzyl Alcohol | 800 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Bis(2-Chloroethoxy)Methane | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Bis(2-Chloroethyl)Ether | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Bis(2-chloroisopropyl) ether | NE | NE | -- | -- | 1.0 U | 0.96 U | 0.96 U | -- | 1.0 U | 0.98 U | -- | 0.95 U | 1.1 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 1 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 9.6 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Butyl benzyl Phthalate | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Carbazole | 5 | 51 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Di(2-ethylhexyl)adipate | NE | NE | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Dibenzofuran | NE | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Dibutyl Phthalate | 8 | 8 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Diethyl Phthalate | 200 | 200 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Dimethyl Phthalate | 600 | 600 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Di-N-Octyl Phthalate | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachlorobenzene | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachlorobutadiene | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachlorocyclopentadiene | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachloroethane | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Isophorone | 27 | 27 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Nitrobenzene | 10 | 10 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |

| | | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | |
| N-Nitrosodimethylamine | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| N-Nitrosodi-n-propylamine | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| N-Nitrosodiphenylamine | 1 | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Pentachlorophenol | 5 | 5 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 6.3 U | 4.9 U | 6.5 U | 7.5 U | 5.1 U | 6.0 U | 9.5 U |
| Phenol | 160 | 160 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Pyridine | 8 | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | NE | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| 2-Methylnaphthalene | 32 | NE | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Acenaphthene | 30 | 30 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Acenaphthylene | NE | NE | 0.21 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.22 U | 0.10 U | 0.098 U | 0.22 U | 0.095 U | 0.11 U |
| Anthracene | 100 | 100 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Benzo(a)anthracene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.27** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(a)pyrene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.17** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(b)fluoranthene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.12** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(g,h,i)perylene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.19** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(j,k)fluoranthene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | **0.018** | 0.010 U | **0.36** | **0.016** | 0.0095 U | 0.011 U |
| Chrysene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.085** | 0.010 U | 0.0095 U | 0.011 U |
| Dibenzo(a,h)anthracene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.14** | 0.010 U | 0.0095 U | 0.011 U |
| Fluoranthene | 0.1 | 0.1 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Fluorene | 10 | 10 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Indeno(1,2,3-c,d)pyrene | NE | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.12** | 0.010 U | 0.0095 U | 0.011 U |
| Naphthalene | 8.9 | 1400 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Phenanthrene | NE | NE | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Pyrene | 0.1 | 0.1 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | **0.26** | 0.10 U | 0.095 U | 0.11 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | 0.0076 | 0.00717 U | 0.00747 U | 0.00755 U | 0.00725 U | 0.00725 U | **0.00871** | 0.00755 U | **0.27185** | **0.00865** | 0.00717 U | 0.0083 U |

| | | | Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| | | | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| | | | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | | | | |
| Temperature (C) | NE | NE | | 12.0 | 12.0 | 13.2 | 11.50 | 10.7 | 11.7 | 9.3 | 10.3 | 11.96 | 8.96 | 9.31 |
| Dissolved oxygen (mg/L) | NE | NE | | 0.47 | 0.47 | 4.70 | 7.32 | 4.30 | 3.38 | 6.51 | 0.78 | 8.05 | 15.29 | 12.77 |
| Specific Conductance (uS/cm) | NE | NE | | 592.8 | 592.8 | 469.5 | 347.1 | 575 | 586 | 310.1 | 424.1 | 602 | 167 | 163 |
| pH | NE | NE | | 6.67 | 6.67 | 6.78 | 6.75 | 6.76 | 6.77 | 7.14 | 6.84 | 6.79 | 8.34 | 7.99 |
| Oxidation-Reduction Potential (mV) | NE | NE | | -191.6 | -191.6 | 171.2 | 159.1 | 130.7 | 9.0 | 148.9 | -82.2 | -49.3 | 59.4 | 70.3 |
| Turbidity (NTU) | NE | NE | | 9.63 | 9.63 | 137 | 43.1 | 140 | 9.91 | 177 | 10.3 | 6.68 | 3.63 | 1.52 |
| **Conventionals (mg/L)** | | | | | | | | | | | | | | |
| Total Organic Carbon | NE | NE | | -- | -- | -- | -- | -- | -- | -- | -- | **12** | **1.6** | **1.0** |
| Alkalinity as $CaCO_3$ | NE | NE | | **230** | **220** | **220** | **200** | **390** | **340** | **170** | **230** | **450** | **93** | **90** |
| Bicarbonate Ion ($HCO_3$) | NE | NE | | **230** | **220** | **220** | **200** | **390** | **340** | **170** | **230** | **450** | **92** | **90** |
| Ammonia (Total as N) | NE | NE | | 0.050 U | 0.050 U | 0.050 U | 0.050 U | **1.8** | **1.1** | 0.050 U | 0.22 | -- | -- | -- |
| Total Dissolved Solids | NE | NE | | **320** | **320** | **320** | **280** | **460** | **400** | **270** | **300** | **490** | **150** | **140** |
| Total Calcium | NE | NE | | -- | -- | -- | -- | -- | -- | -- | -- | **110000** | **17000** | **17000** |
| Dissolved Calcium | NE | NE | | **37000** | **38000** | **40000** | **33000** | **110000** | **93000** | **48000** | **65000** | -- | -- | -- |
| Chloride | NE | NE | | **4.5** | **4.5** | **4.6** | **2.5** | **6.7** | **6.2** | **6.1** | **4.5** | **7.3** | **5.2** | **5.4** |
| Nitrate (Total as N) | NE | NE | | **0.10 J** | **0.65 J** | **2.9** | 0.050 U | **0.066** | **0.050** | **0.18** | **0.11** | 0.15 U | **14** | **16** |
| Nitrite | NE | NE | | -- | -- | -- | -- | -- | -- | -- | -- | 0.14 U | 0.14 U | 0.14 U |
| Total Potassium | NE | NE | | -- | -- | -- | -- | -- | -- | -- | -- | **8600** | **2600** | **2600** |
| Dissolved Potassium | NE | NE | | **4100** | **4500** | **4500** | **3700** | **6900** | **5300** | **4300** | **3400** | -- | -- | -- |
| Total Sodium | NE | NE | | -- | -- | -- | -- | -- | -- | -- | -- | **15000** | **8300** | **8300** |
| Dissolved Sodium | NE | NE | | **11000** | **11000** | **9800** | **9200** | **14000** | **13000** | **8200** | **9400** | -- | -- | -- |
| Sulfate | NE | NE | | **73** | **71** | **69** | **49** | **25** | **21** | **48** | **33** | **4.0** | **11** | **11** |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | 1 | | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | -- | -- | -- |
| Diesel-range hydrocarbons | 0.5 | 3 | | 0.21 U | 0.20 U | 0.21 U | 0.21 U | **0.20** | **0.12** | 0.16 U | 0.10 U | -- | -- | -- |
| Lube oil-range hydrocarbons | 0.5 | 3 | | 0.21 U | 0.20 U | 0.21 U | 0.21 U | **0.25** | 0.21 U | **0.22** | 0.20 U | -- | -- | -- |
| Sum of diesel+oil-range hydrocarbons | 0.5 | 3 | | 0.21 U | 0.20 U | 0.21 U | 0.21 U | **0.45** | **0.12** | **0.22** | 0.20 U | -- | -- | -- |
| **Total Metals (ug/L)** | | | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | **4.3** | 3.3 U | 0.45 U | **1.4** | **1.1** |
| Cadmium | 4.4 | 4.4 | | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 0.36 U | 0.36 U | 0.36 U |
| Chromium | 50 | NE | | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 1.0 U | **2.2** | **2.1** |
| Copper | 11 | 11 | | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | -- | -- | -- |
| Iron | 300 | 1000 | | **1300** | **1400** | **2800** | **2100** | **5100** | **2300** | **6800** | **1400** | **8900** | **430** | **210** |
| Lead | 1.1 | 1.1 | | 1.1 U | 1.1 U | 1.1 U | 1.1 U | **2.5** | 1.1 U | **4.5** | 1.1 U | 0.28 U | 0.28 U | 0.28 U |
| Magnesium | NE | NE | | **50000** | **50000** | **47000** | **33000** | **30000** | **24000** | **23000** | **21000** | **28000** | **14000** | **14000** |
| Manganese | 50 | 50 | | **2100** | **2200** | **2400** | **1600** | **1500** | **1100** | **320** | **460** | **1500** | **18** | **9.2** |
| Mercury | 0.025 | 0.025 | | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.11 U | 0.11 U | 0.11 U |
| Nickel | 26 | 26 | | **39** | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | -- | -- | -- |
| Selenium | 5.6 | 5.6 | | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 3.4 U | 3.4 U | 3.4 U |
| Zinc | 100 | 100 | | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 2.2 U | **2.8** | **2.4** |

| | | | Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| | | | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| | | | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | | | | |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | -- | -- | -- |
| Cadmium | 4.4 | 4.4 | | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | -- | -- | -- |
| Chromium | 50 | NE | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- |
| Copper | 11 | 11 | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- |
| Iron | 300 | 1000 | | **120** | **110** | **99** | **65** | 56 U | **1900** | **100** | **1000** | -- | -- | -- |
| Lead | 1.1 | 1.1 | | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| Magnesium | NE | NE | | **41000** | **42000** | **40000** | **36000** | **26000** | **26000** | **18000** | **23000** | -- | -- | -- |
| Manganese | 50 | 50 | | **1900** | **1900** | **2200** | **1700** | **1300** | **1200** | **200** | **440** | -- | -- | -- |
| Mercury | 0.025 | 0.025 | | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | -- | -- | -- |
| Nickel | 26 | 26 | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- |
| Selenium | 5.6 | 5.6 | | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | -- | -- | -- |
| Zinc | 100 | 100 | | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | | | |
| 4,4'-DDD | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| 4,4'-DDE | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| 4,4'-DDT | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Aldrin | 0.005 | 0.005 | | 0.0019 U | 0.0019 U | 0.0021 U | 0.0019 U | 0.0022 U | 0.0019 U | 0.0022 U | 0.0019 U | -- | -- | -- |
| Alpha-BHC | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Beta-BHC | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| cis-Chlordane | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Delta-BHC | NE | NE | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Dieldrin | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Endosulfan I | 0.056 | 0.056 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Endosulfan II | 0.056 | 0.056 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Endosulfan Sulfate | 9 | 9 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Endrin | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Endrin Aldehyde | 0.034 | 0.034 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Endrin Ketone | NE | NE | | 0.019 U | 0.019 U | 0.021 U | 0.019 U | 0.022 U | 0.019 U | 0.022 U | 0.019 U | -- | -- | -- |
| Gamma-BHC | 0.06 | 0.08 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Heptachlor | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| Heptachlor Epoxide | 0.005 | 0.005 | | 0.0029 U | 0.0029 U | 0.0031 U | 0.0029 U | 0.0033 U | 0.0029 U | 0.0033 U | 0.0029 U | -- | -- | -- |
| Methoxychlor | 0.02 | 0.02 | | 0.0097 U | 0.0097 U | 0.010 U | 0.0097 U | 0.011 U | 0.0097 U | **0.029** | 0.0095 U | -- | -- | -- |
| Toxaphene | 0.05 | 0.05 | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| trans-Chlordane | 0.005 | 0.005 | | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U | -- | -- | -- |
| **Herbicides (ug/L)** | | | | | | | | | | | | | | |
| 2,4,5-T | 160 | 100 | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| 2,4,5-TP | 10 | 1300 | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| 2,4-D | 70 | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| 2,4-DB | 480 | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| 3,5-Dichlorobenzoic Acid | NE | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| 4-Nitrophenol | NE | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| Acifluorfen | NE | NE | | 4.97 U | 5 U | 4.99 U | -- | 4.93 U | -- | 4.96 U | -- | -- | -- | -- |
| Bentazon | NE | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| Chloramben | NE | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| Chlorthal-dimethyl (DACTHAL) | NE | NE | | 1.99 U | 2 U | 2 U | -- | 1.97 U | -- | 1.98 U | -- | -- | -- | -- |
| Dalapon | 200 | NE | | 1.99 U | 2 U | 2 U | -- | 1.97 U | -- | 1.98 U | -- | -- | -- | -- |

| | | | Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| | | | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| | | | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | | |
| Dicamba | 480 | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| Dichlorprop | NE | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| Dinoseb | 7 | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| MCPA | 23 | NE | | 4.97 U | 5 U | 4.99 U | -- | 4.93 U | -- | 4.96 U | -- | -- | -- | -- |
| MCPP | 16 | NE | | 4.97 U | 5 U | 4.99 U | -- | 4.93 U | -- | 4.96 U | -- | -- | -- | -- |
| Pentachlorophenol | NE | NE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Picloram | NE | NE | | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- | -- | -- | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| PCB-Aroclor 1221 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| PCB-Aroclor 1232 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| PCB-Aroclor 1242 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| PCB-Aroclor 1248 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| PCB-Aroclor 1254 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| PCB-Aroclor 1260 | NE | NE | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| Total PCB Aroclors | 0.05 | 0.05 | | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U | -- | -- | -- |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,1,1-Trichloroethane | 200 | 10000 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,1,2,2-Tetrachloroethane | 0.2 | 0.2 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,1,2-Trichloroethane | 0.35 | 0.35 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,1-Dichloroethane | 1 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,1-Dichloroethylene | 7 | 300 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,1-Dichloropropene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2,3-Trichlorobenzene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2,3-Trichloropropane | 0.2 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2,4-Trichlorobenzene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2,4-Trimethylbenzene | 80 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2-Dibromo-3-Chloropropane | 1 | NE | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| 1,2-Dibromoethane | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2-Dichlorobenzene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2-Dichloroethane | 0.5 | 8.9 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,2-Dichloropropane | 0.6 | 0.71 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,3,5-Trimethylbenzene | 80 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,3-Dichlorobenzene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,3-Dichloropropane | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 1,4-Dichlorobenzene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 2,2-Dichloropropane | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 2-Chlorotoluene | 160 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 2-Hexanone | 40 | NE | | 2.0 U | 2.0 U | 2 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | -- | -- | -- |
| 4-Chlorotoluene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| 4-Isopropyltoluene | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | **0.37** | **0.27** | -- | -- | -- |
| Acetone | 7200 | NE | | 6.6 U | 6.6 U | 5 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | -- | -- | -- |
| Benzene | 0.44 | 0.44 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Bromobenzene | 64 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Bromochloromethane | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Bromoform | 4.6 | 4.6 | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |

| | | | Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| | | | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| | | | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | | | | |
| Bromomethane | 11 | 100 | | 0.20 U | 0.20 U | 3.3 U | 3.1 U | 1.0 U | 0.30 U | 1.0 U | 0.30 U | -- | -- | -- |
| Carbon Disulfide | 400 | NE | | 0.26 U | 0.26 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Carbon Tetrachloride | 0.2 | 0.2 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Chlorobenzene | 20 | 20 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Chloroethane | 19000 | NE | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| Chloroform | 1.2 | 60 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Chloromethane | 150 | NE | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| cis-1,2-Dichloroethylene | 16 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| cis-1,3-Dichloropropene | 0.22 | 0.22 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Dibromochloromethane | 0.6 | 0.6 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Dibromomethane | 80 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Dichlorobromomethane | 0.3 | 0.73 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Dichlorodifluoromethane | 5.6 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.29 U | 0.20 U | 0.29 U | 0.20 U | -- | -- | -- |
| Ethylbenzene | 29 | 29 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Hexachlorobutadiene | NE | NE | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| Isopropylbenzene | 800 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Methyl ethyl ketone (MEK) | 4800 | NE | | 6.3 U | 6.3 U | 5 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | -- | -- | -- |
| Methyl Iodide | NE | NE | | 5.0 U | 5.0 U | 8.6 U | 19 U | 2.0 U | 3.8 U | 2.0 U | 3.8 U | -- | -- | -- |
| Methyl isobutyl ketone | 640 | NE | | 2.0 U | 2.0 U | 2 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | -- | -- | -- |
| Methyl tert-butyl ether | 24 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Methylene Chloride | 5 | 10 | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| Naphthalene | 8.9 | NE | | 1.3 U | 1.3 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| n-Butylbenzene | 400 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| n-Propylbenzene | 800 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Sec-Butylbenzene | 800 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Styrene | 100 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Tert-Butylbenzene | 800 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Tetrachloroethylene | 0.8 | 2.4 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Toluene | 57 | 57 | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| trans-1,2-Dichloroethylene | 100 | 100 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| trans-1,3-Dichloropropene | 0.22 | 0.22 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Trichloroethylene | 0.3 | 0.3 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Trichlorofluoromethane | 120 | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Vinyl Acetate | 7800 | NE | | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | -- | -- | -- |
| Vinyl Chloride | 0.2 | 0.2 | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Xylene, m-,p- | NE | NE | | 0.40 U | 0.40 U | 0.4 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | -- | -- | -- |
| Xylene, o- | NE | NE | | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | -- | -- | -- |
| Total xylenes | 330 | NE | | 0.40 U | 0.40 U | 0.4 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | -- | -- | -- |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | 1 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U | 1.0 U | 1.0 U |
| 1,2-Dichlorobenzene | 600 | 700 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.4 U | 1.3 U | 1.3 U |
| 1,2-Dinitrobenzene | 1.6 | NE | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | -- | -- | -- |
| 1,2-Diphenylhydrazine | 1 | 1 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | -- | -- | -- |
| 1,3-Dichlorobenzene | 2 | 2 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.3 U | 1.3 U | 1.3 U |
| 1,3-Dinitrobenzene | 1.6 | NE | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | -- | -- | -- |
| 1,4-Dichlorobenzene | 4.9 | 60 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.97 U | 0.96 U | 0.96 U |
| 1,4-Dinitrobenzene | 1.6 | NE | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | -- | -- | -- |

| | | Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| | | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| | | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | | | |
| 2,2'-Oxybis[1-chloropropane] | NE | NE | 0.99 U | 1.0 U | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.0 U | 0.98 U | 0.98 U |
| 2,3,5,6-Tetrachlorophenol | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | -- | -- | -- |
| 2,3-Dichloroaniline | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | -- | -- | -- |
| 2,4,5-Trichlorophenol | 300 | 300 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.4 U | 1.4 U | 1.4 U |
| 2,4,6-Trichlorophenol | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.85 U | 0.83 U | 0.83 U |
| 2,4-Dichlorophenol | 10 | 10 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.74 U | 0.73 U | 0.73 U |
| 2,4-Dimethylphenol | 85 | 85 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.82 U | 0.81 U | 0.81 U |
| 2,4-Dinitrophenol | 10 | 10 | 4.9 U | 5.0 U | 5.4 U | 6.4 U | 5.2 U | 11 U | 5.1 U | 11 U | 2.8 U | 2.7 U | 2.7 U |
| 2,4-Dinitrotoluene | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.73 U | 0.72 U | 0.72 U |
| 2,6-Dichlorophenol | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.71 U | 0.70 U | 0.70 U |
| 2,6-Dinitrotoluene | 1 | 600 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.7 U | 1.7 U | 1.7 U |
| 2-Chloronaphthalene | 100 | 100 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.85 U | 0.84 U | 0.84 U |
| 2-Chlorophenol | 15 | 15 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.80 U | 0.79 U | 0.79 U |
| 2-methylphenol | 400 | 8000000 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.2 U | 1.2 U | 1.2 U |
| 2-Nitroaniline | 160 | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.72 U | 0.71 U | 0.71 U |
| 2-Nitrophenol | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U | 1.1 U | 1.1 U |
| 3&4-Methylphenol | 400 | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.76 U | 0.75 U | 0.75 U |
| 3,3'-Dichlorobenzidine | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.9 U | 1.9 U |
| 3-Nitroaniline | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.3 U | 1.3 U | 1.3 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 5 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 7.8 U | 5.1 U | 7.5 U | 1.9 U | 1.9 U | 1.9 U |
| 4-Bromophenyl phenyl ether | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.74 U | 0.73 U | 0.73 U |
| 4-Chloro-3-Methylphenol | 36 | 36 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U | 1.1 U | 1.1 U |
| 4-Chloroaniline | 1 | 4600 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.8 U | 1.8 U | 1.8 U |
| 4-Chlorophenyl phenyl ether | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.69 U | 0.68 U | 0.68 U |
| 4-Nitroaniline | 64 | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.9 U | 1.9 U |
| 4-Nitrophenol | NE | NE | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U | 1.9 U | 1.9 U | 1.9 U |
| Aniline | 7.7 | NE | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U | 1.9 U | 1.9 U | 1.9 U |
| Benzyl Alcohol | 800 | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.97 U | 0.96 U | 0.96 U |
| Bis(2-Chloroethoxy)Methane | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.99 U | 0.98 U | 0.98 U |
| Bis(2-Chloroethyl)Ether | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.89 U | 0.87 U | 0.87 U |
| Bis(2-chloroisopropyl) ether | NE | NE | -- | -- | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.59 U | 0.58 U | 0.58 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 1 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 9.8 U | 5.1 U | 9.5 U | 0.76 U | 0.75 U | 0.75 U |
| Butyl benzyl Phthalate | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.63 U | 0.62 U | 0.62 U |
| Carbazole | 5 | 51 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.6 U | 1.5 U | 1.5 U |
| Di(2-ethylhexyl)adipate | NE | NE | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U | -- | -- | -- |
| Dibenzofuran | NE | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.48 U | 0.47 U | 0.47 U |
| Dibutyl Phthalate | 8 | 8 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U | 0.78 U | 0.77 U | 0.77 U |
| Diethyl Phthalate | 200 | 200 | **4.7 J** | 1.0 UJ | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.75 U | 0.74 U | 0.74 U |
| Dimethyl Phthalate | 600 | 600 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U | 0.65 U | 0.64 U | 0.64 U |
| Di-N-Octyl Phthalate | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.82 U | 0.81 U | 0.81 U |
| Hexachlorobenzene | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.60 U | 0.59 U | 0.59 U |
| Hexachlorobutadiene | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.8 U | 1.8 U |
| Hexachlorocyclopentadiene | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.9 U | 1.9 U |
| Hexachloroethane | 1 | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.9 U | 1.9 U |
| Isophorone | 27 | 27 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U | 1.1 U | 1.1 U |
| Nitrobenzene | 10 | 10 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U | 1.1 U | 1.1 U |

| | | | Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| | | | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| | | | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | | | | |
| N-Nitrosodimethylamine | 1 | 1 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.4 U | 1.4 U | 1.4 U |
| N-Nitrosodi-n-propylamine | 1 | 1 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.9 U | 1.9 U |
| N-Nitrosodiphenylamine | 1 | 1 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.87 U | 0.86 U | 0.86 U |
| Pentachlorophenol | 5 | 5 | | 4.9 U | 5.0 U | 5.4 U | 7.7 U | 5.2 U | 6.4 U | 5.1 U | 6.2 U | 3.5 U | 3.4 U | 3.4 U |
| Phenol | 160 | 160 | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 0.99 U | 0.98 U | 0.98 U |
| Pyridine | 8 | NE | | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.9 U | 1.9 U | 1.9 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | NE | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.059** | **0.0034** | **0.0045** |
| 2-Methylnaphthalene | 32 | NE | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.019** | 0.0050 U | 0.0049 U |
| Acenaphthene | 30 | 30 | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | **0.46** | **0.18** | 0.10 U | 0.095 U | **1.4** | 0.01 U | 0.01 U |
| Acenaphthylene | NE | NE | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.021** | 0.0070 U | 0.0070 U |
| Anthracene | 100 | 100 | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.13** | 0.0078 U | 0.0077 U |
| Benzo(a)anthracene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | **0.019** | **0.0066** | **0.017** |
| Benzo(a)pyrene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | 0.0064 U | 0.0065 U | **0.0097** |
| Benzo(b)fluoranthene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | 0.0085 U | 0.0087 U | **0.012** |
| Benzo(g,h,i)perylene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | 0.0055 U | **0.0099** | **0.012** |
| Benzo(j,k)fluoranthene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | **0.011** | 0.014 U | 0.014 U | 0.014 U |
| Chrysene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | **0.0092** | 0.0059 U | **0.011** |
| Dibenzo(a,h)anthracene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | 0.0099 U | 0.01 U | 0.01 U |
| Fluoranthene | 0.1 | 0.1 | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.39** | **0.0019** | **0.0081** |
| Fluorene | 10 | 10 | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | **0.12** | 0.098 U | 0.10 U | 0.095 U | **0.77** | **0.0032** | **0.0056** |
| Indeno(1,2,3-c,d)pyrene | NE | NE | | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U | 0.0052 U | 0.0053 U | **0.016** |
| Naphthalene | 8.9 | 1400 | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.027** | **0.0050** | **0.0048** |
| Phenanthrene | NE | NE | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.056** | 0.0060 U | **0.0073** |
| Pyrene | 0.1 | 0.1 | | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | **0.20** | **0.0056** | **0.0069** |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | 0.0076 | | 0.00747 U | 0.00755 U | 0.0083 U | 0.00755 U | 0.00755 U | 0.0074 U | 0.00755 U | **0.0078** | **0.45832** | **0.45554** | **0.46521** |

| | | Location ID | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | | Sample Date | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | NE | NE | NR | NR | 13.7 | NR | 12.4 | NR | 12.9 | NR | 13.4 |
| Dissolved oxygen (mg/L) | NE | NE | NR | NR | 9.49 | NR | 9.59 | NR | 8.40 | NR | 5.44 |
| Specific Conductance (uS/cm) | NE | NE | NR | NR | 232 | NR | 186.2 | NR | 824 | NR | 773 |
| pH | NE | NE | NR | NR | 7.99 | NR | 7.95 | NR | 6.89 | NR | 6.61 |
| Oxidation-Reduction Potential (mV) | NE | NE | NR | NR | 10.0 | NR | 62.0 | NR | -103.7 | NR | 38.8 |
| Turbidity (NTU) | NE | NE | NR | NR | 21.7 | NR | 8.68 | NR | NR | NR | NR |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Total Organic Carbon | NE | NE | **6.8** | **4.3** | **4.1** | **9.4** | **11** | **11** | **11** | **13** | **11** |
| Alkalinity as $CaCO_3$ | NE | NE | – | – | – | – | – | – | – | – | – |
| Bicarbonate Ion ($HCO_3$) | NE | NE | – | – | – | – | – | – | – | – | – |
| Ammonia (Total as N) | NE | NE | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | – | **2.5** | **2.3** | **2.0** |
| Total Dissolved Solids | NE | NE | **160** | **180** | **180** | **130** | **120** | – | **490** | **530** | **470** |
| Total Calcium | NE | NE | – | – | – | – | – | – | – | – | – |
| Dissolved Calcium | NE | NE | – | – | – | – | – | – | – | – | – |
| Chloride | NE | NE | – | – | – | – | – | – | – | – | – |
| Nitrate (Total as N) | NE | NE | – | – | – | – | – | – | – | – | – |
| Nitrite | NE | NE | – | – | – | – | – | – | – | – | – |
| Total Potassium | NE | NE | – | – | – | – | – | – | – | – | – |
| Dissolved Potassium | NE | NE | – | – | – | – | – | – | – | – | – |
| Total Sodium | NE | NE | – | – | – | – | – | – | – | – | – |
| Dissolved Sodium | NE | NE | – | – | – | – | – | – | – | – | – |
| Sulfate | NE | NE | – | – | – | – | – | – | – | – | – |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | 1 | – | – | – | – | – | 0.10 U | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 0.5 | 3 | – | – | – | – | – | **0.32** | **0.34 *** | 0.22 U | **0.26** |
| Lube oil-range hydrocarbons | 0.5 | 3 | – | – | – | – | – | **0.31** | **0.30 *** | 0.22 U | **0.28** |
| Sum of diesel+oil-range hydrocarbons | 0.5 | 3 | – | – | – | – | – | **0.63** | **0.64 *** | 0.22 U | **0.54** |
| **Total Metals (ug/L)** | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | 3.3 U | **3.8** | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U |
| Cadmium | 4.4 | 4.4 | – | – | – | – | – | 4.4 U | 4.4 U | 4.4 U | 4.4 U |
| Chromium | 50 | NE | – | – | – | – | – | 11 U | 11 U | **12** | 11 U |
| Copper | 11 | 11 | – | – | – | – | – | 11 U | 11 U | 11 U | 11 U |
| Iron | 300 | 1000 | **990** | **11000** | **970** | **4300** | **1100** | **11000** | **8000** | **12000** | **6400** |
| Lead | 1.1 | 1.1 | – | – | – | – | – | 1.1 U | 1.1 U | **6.2** | 1.1 U |
| Magnesium | NE | NE | – | – | – | – | – | – | – | – | **27000** |
| Manganese | 50 | 50 | **15** | **150** | **26** | **380** | **120** | **1500** | **1800** | **2000** | **1600** |
| Mercury | 0.025 | 0.025 | – | – | – | – | – | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 26 | – | – | – | – | – | 22 U | 22 U | 22 U | 22 U |
| Selenium | 5.6 | 5.6 | – | – | – | – | – | 5.6 U | 5.6 U | 5.6 U | 5.6 U |
| Zinc | 100 | 100 | – | – | – | – | – | 28 U | 28 U | 28 U | 28 U |

| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | Location ID<br>Sample ID<br>Sample Date<br>Matrix | SEEP-1<br>SEEP-1-211208<br>12/8/2021<br>SWF | SEEP-1<br>SEEP 1-220317<br>3/17/2022<br>SWF | SEEP-1<br>SEEP-1-20220519<br>5/19/2022<br>SWF | SEEP-2<br>SEEP 2-220317<br>3/17/2022<br>SWF | SEEP-2<br>SEEP-2-22020519<br>5/19/2022<br>SWF | SWS-1<br>SWS-1-20211101<br>11/1/2021<br>SWF | SWS-1<br>SWS-1-211208<br>12/8/2021<br>SWF | SWS-1<br>SWS-1-20220321<br>3/21/2022<br>SWF | SWS-1<br>SWS-1-220503<br>5/3/2022<br>SWF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | |
| Arsenic | 5.0 | 5.0 | | – | – | – | – | – | 3 U | – | – | – |
| Cadmium | 4.4 | 4.4 | | – | – | – | – | – | 4 U | – | – | – |
| Chromium | 50 | NE | | – | – | – | – | – | 10 U | – | – | – |
| Copper | 11 | 11 | | – | – | – | – | – | 10 U | – | – | – |
| Iron | 300 | 1000 | | – | – | – | – | – | **2400** | – | – | – |
| Lead | 1.1 | 1.1 | | – | – | – | – | – | 1 U | – | – | – |
| Magnesium | NE | NE | | – | – | – | – | – | – | – | – | – |
| Manganese | 50 | 50 | | – | – | – | – | – | **1300** | – | – | – |
| Mercury | 0.025 | 0.025 | | – | – | – | – | – | 0.025 U | – | – | – |
| Nickel | 26 | 26 | | – | – | – | – | – | 20 U | – | – | – |
| Selenium | 5.6 | 5.6 | | – | – | – | – | – | 5 U | – | – | – |
| Zinc | 100 | 100 | | – | – | – | – | – | 25 U | – | – | – |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | |
| 4,4'-DDD | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| 4,4'-DDE | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| 4,4'-DDT | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Aldrin | 0.005 | 0.005 | | – | – | – | – | – | 0.0021 U | 0.0021 U | 0.0021 U | 0.0020 U |
| Alpha-BHC | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Beta-BHC | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| cis-Chlordane | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Delta-BHC | NE | NE | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Dieldrin | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endosulfan I | 0.056 | 0.056 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endosulfan II | 0.056 | 0.056 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endosulfan Sulfate | 9 | 9 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endrin | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endrin Aldehyde | 0.034 | 0.034 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endrin Ketone | NE | NE | | – | – | – | – | – | 0.021 U | 0.021 U | 0.021 U | 0.020 U |
| Gamma-BHC | 0.06 | 0.08 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Heptachlor | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Heptachlor Epoxide | 0.005 | 0.005 | | – | – | – | – | – | 0.0031 U | 0.0031 U | 0.0031 U | 0.0029 U |
| Methoxychlor | 0.02 | 0.02 | | – | – | – | – | – | 0.01 U | 0.010 U | 0.010 U | 0.0098 U |
| Toxaphene | 0.05 | 0.05 | | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| trans-Chlordane | 0.005 | 0.005 | | – | – | – | – | – | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| **Herbicides (ug/L)** | | | | | | | | | | | | |
| 2,4,5-T | 160 | 100 | | – | – | – | – | – | 0.068 U | 0.987 U | 0.998 U | – |
| 2,4,5-TP | 10 | 1300 | | – | – | – | – | – | 0.045 U | 0.987 U | 0.998 U | – |
| 2,4-D | 70 | NE | | – | – | – | – | – | 0.089 U | 0.987 U | 0.998 U | – |
| 2,4-DB | 480 | NE | | – | – | – | – | – | 0.068 U | 0.987 U | 0.998 U | – |
| 3,5-Dichlorobenzoic Acid | NE | NE | | – | – | – | – | – | – | 0.987 U | 0.998 U | – |
| 4-Nitrophenol | NE | NE | | – | – | – | – | – | – | 0.987 U | 0.998 U | – |
| Acifluorfen | NE | NE | | – | – | – | – | – | – | 4.93 U | 4.99 U | – |
| Bentazon | NE | NE | | – | – | – | – | – | – | 0.987 U | 0.998 U | – |
| Chloramben | NE | NE | | – | – | – | – | – | – | 0.987 U | 0.998 U | – |
| Chlorthal-dimethyl (DACTHAL) | NE | NE | | – | – | – | – | – | – | 1.97 U | 2 U | – |
| Dalapon | 200 | NE | | – | – | – | – | – | 0.44 U | 1.97 U | 2 U | – |

| | | Location ID | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | | Sample Date | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | |
| Dicamba | 480 | NE | – | – | – | – | – | 0.045 U | 0.987 U | 0.998 U | – |
| Dichlorprop | NE | NE | – | – | – | – | – | 0.045 U | 0.987 U | 0.998 U | – |
| Dinoseb | 7 | NE | – | – | – | – | – | 0.045 U | 0.987 U | 0.998 U | – |
| MCPA | 23 | NE | – | – | – | – | – | 22 U | 4.93 U | 4.99 U | – |
| MCPP | 16 | NE | – | – | – | – | – | 8.9 U | 4.93 U | 4.99 U | – |
| Pentachlorophenol | NE | NE | – | – | – | – | – | 0.009 U | – | – | – |
| Picloram | NE | NE | – | – | – | – | – | – | 0.987 U | 0.998 U | – |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1221 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1232 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1242 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1248 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1254 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1260 | NE | NE | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| Total PCB Aroclors | 0.05 | 0.05 | – | – | – | – | – | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,1-Trichloroethane | 200 | 10000 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | 0.2 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | 0.35 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethane | 1 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethylene | 7 | 300 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloropropene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | NE | – | – | – | – | – | 0.2 U | 0.25 U | 0.20 U | 0.20 U |
| 1,2,3-Trichloropropane | 0.2 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | 80 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | 1 | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dibromoethane | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloroethane | 0.5 | 8.9 | – | – | – | – | – | 0.35 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloropropane | 0.6 | 0.71 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | 80 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichloropropane | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 2,2-Dichloropropane | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Chlorotoluene | 160 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Hexanone | 40 | NE | – | – | – | – | – | 2 U | 2.0 U | 2.0 U | 2.0 U |
| 4-Chlorotoluene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 4-Isopropyltoluene | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Acetone | 7200 | NE | – | – | – | – | – | 5 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | 0.44 | 0.44 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Bromobenzene | 64 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Bromochloromethane | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Bromoform | 4.6 | 4.6 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |

| | | Location ID | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | | Sample Date | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | **Groundwater Screening Level[1]** | **Surface Water Screening Level[1]** | | | | | | | | | |
| Bromomethane | 11 | 100 | – | – | – | – | – | 3.1 U | 0.20 U | 0.20 U | 3.1 U |
| Carbon Disulfide | 400 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Carbon Tetrachloride | 0.2 | 0.2 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Chlorobenzene | 20 | 20 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Chloroethane | 19000 | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Chloroform | 1.2 | 60 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Chloromethane | 150 | NE | – | – | – | – | – | 1 U | 1.3 U | 1.0 U | 1.0 U |
| cis-1,2-Dichloroethylene | 16 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| cis-1,3-Dichloropropene | 0.22 | 0.22 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromochloromethane | 0.6 | 0.6 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromomethane | 80 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorobromomethane | 0.3 | 0.73 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorodifluoromethane | 5.6 | NE | – | – | – | – | – | 0.2 U | 0.30 U | 0.20 U | 0.20 U |
| Ethylbenzene | 29 | 29 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Hexachlorobutadiene | NE | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Isopropylbenzene | 800 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | 4800 | NE | – | – | – | – | – | 5 U | 5.0 U | 5.0 U | 5.0 U |
| Methyl Iodide | NE | NE | – | – | – | – | – | 3 U | 1.5 U | 1.6 U | 19 U |
| Methyl isobutyl ketone | 640 | NE | – | – | – | – | – | 2 U | 2.0 U | 2.0 U | 2.0 U |
| Methyl tert-butyl ether | 24 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Methylene Chloride | 5 | 10 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Naphthalene | 8.9 | NE | – | – | – | – | – | 1.3 U | 1.0 U | 1.0 U | 1.0 U |
| n-Butylbenzene | 400 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| n-Propylbenzene | 800 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Sec-Butylbenzene | 800 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Styrene | 100 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Tert-Butylbenzene | 800 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Tetrachloroethylene | 0.8 | 2.4 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Toluene | 57 | 57 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |
| trans-1,2-Dichloroethylene | 100 | 100 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| trans-1,3-Dichloropropene | 0.22 | 0.22 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Trichloroethylene | 0.3 | 0.3 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Trichlorofluoromethane | 120 | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Vinyl Acetate | 7800 | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Vinyl Chloride | 0.2 | 0.2 | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Xylene, m-,p- | NE | NE | – | – | – | – | – | 0.4 U | 0.40 U | 0.40 U | 0.40 U |
| Xylene, o- | NE | NE | – | – | – | – | – | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Total xylenes | 330 | NE | – | – | – | – | – | 0.4 U | 0.40 U | 0.40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | 1 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,2-Dichlorobenzene | 600 | 700 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,2-Dinitrobenzene | 1.6 | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,2-Diphenylhydrazine | 1 | 1 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,3-Dichlorobenzene | 2 | 2 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,3-Dinitrobenzene | 1.6 | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,4-Dichlorobenzene | 4.9 | 60 | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,4-Dinitrobenzene | 1.6 | NE | – | – | – | – | – | 1 U | 1.0 U | 1.0 U | 0.97 U |

| | | Location ID | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | | Sample Date | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | | | | | | | | | |
| 2,2'-Oxybis[1-chloropropane] | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,3,5,6-Tetrachlorophenol | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.2 U | 1.0 U | 0.97 U |
| 2,3-Dichloroaniline | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4,5-Trichlorophenol | 300 | 300 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4,6-Trichlorophenol | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4-Dichlorophenol | 10 | 10 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4-Dimethylphenol | 85 | 85 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4-Dinitrophenol | 10 | 10 | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 6.2 U |
| 2,4-Dinitrotoluene | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,6-Dichlorophenol | NE | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 1 | 600 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Chloronaphthalene | 100 | 100 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Chlorophenol | 15 | 15 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-methylphenol | 400 | 8000000 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Nitroaniline | 160 | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Nitrophenol | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 3&4-Methylphenol | 400 | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 3,3'-Dichlorobenzidine | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 3-Nitroaniline | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 5 | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| 4-Bromophenyl phenyl ether | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Chloro-3-Methylphenol | 36 | 36 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Chloroaniline | 1 | 4600 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Chlorophenyl phenyl ether | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Nitroaniline | 64 | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Nitrophenol | NE | NE | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Aniline | 7.7 | NE | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Benzyl Alcohol | 800 | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Bis(2-Chloroethoxy)Methane | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Bis(2-Chloroethyl)Ether | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Bis(2-chloroisopropyl) ether | NE | NE | -- | -- | -- | -- | -- | -- | -- | 1.0 U | 0.97 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 1 | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Butyl benzyl Phthalate | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Carbazole | 5 | 51 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Di(2-ethylhexyl)adipate | NE | NE | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Dibenzofuran | NE | NE | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Dibutyl Phthalate | 8 | 8 | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Diethyl Phthalate | 200 | 200 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Dimethyl Phthalate | 600 | 600 | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Di-N-Octyl Phthalate | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachlorobenzene | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachlorobutadiene | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachlorocyclopentadiene | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachloroethane | 1 | 1 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Isophorone | 27 | 27 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Nitrobenzene | 10 | 10 | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |

| Analyte | Groundwater Screening Level[1] | Surface Water Screening Level[1] | Location ID<br>Sample ID<br>Sample Date<br>Matrix | SEEP-1<br>SEEP-1-211208<br>12/8/2021<br>SWF | SEEP-1<br>SEEP 1-220317<br>3/17/2022<br>SWF | SEEP-1<br>SEEP-1-20220519<br>5/19/2022<br>SWF | SEEP-2<br>SEEP 2-220317<br>3/17/2022<br>SWF | SEEP-2<br>SEEP-2-22020519<br>5/19/2022<br>SWF | SWS-1<br>SWS-1-20211101<br>11/1/2021<br>SWF | SWS-1<br>SWS-1-211208<br>12/8/2021<br>SWF | SWS-1<br>SWS-1-20220321<br>3/21/2022<br>SWF | SWS-1<br>SWS-1-220503<br>5/3/2022<br>SWF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N-Nitrosodimethylamine | 1 | 1 | | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| N-Nitrosodi-n-propylamine | 1 | 1 | | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| N-Nitrosodiphenylamine | 1 | 1 | | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Pentachlorophenol | 5 | 5 | | -- | -- | -- | -- | -- | 5.2 U | **5.7** | 5.2 U | 7.5 U |
| Phenol | 160 | 160 | | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Pyridine | 8 | NE | | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | NE | | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| 2-Methylnaphthalene | 32 | NE | | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| Acenaphthene | 30 | 30 | | -- | -- | -- | -- | -- | **1.3** | **1.3** | **0.77** | **1.0** |
| Acenaphthylene | NE | NE | | -- | -- | -- | -- | -- | 0.1 U | 0.22 U | 0.10 U | 0.097 U |
| Anthracene | 100 | 100 | | -- | -- | -- | -- | -- | **0.11** | **0.13** | 0.10 U | 0.097 U |
| Benzo(a)anthracene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(a)pyrene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(b)fluoranthene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(g,h,i)perylene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(j,k)fluoranthene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Chrysene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Dibenzo(a,h)anthracene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Fluoranthene | 0.1 | 0.1 | | -- | -- | -- | -- | -- | **0.21** | **0.22** | 0.10 U | **0.12** |
| Fluorene | 10 | 10 | | -- | -- | -- | -- | -- | **0.53** | **0.46** | **0.21** | **0.27** |
| Indeno(1,2,3-c,d)pyrene | NE | NE | | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Naphthalene | 8.9 | 1400 | | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| Phenanthrene | NE | NE | | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| Pyrene | 0.1 | 0.1 | | -- | -- | -- | -- | -- | **0.15** | **0.15** | 0.10 U | 0.097 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | 0.0076 | | -- | -- | -- | -- | -- | 0.00755 U | 0.00755 U | 0.00755 U | 0.00732 U |

Notes:

[1] Screening levels taken from Go East Final Interim Action Work Plan dated June 30, 2021.

* Sample SWS-1-211208 was reanalyzed using acid/silica gel cleanup and the results for diesel- and lube oil-range hydrocarbons were both non-detect at 0.22 mg/L.

GW = Groundwater; GW FD = Groundwater field duplicate; SWF = Surface Water

NE = Not established

NR = Not recorded

-- Analysis not performed

mg/L = milligram per liter

ug/L = microgram per liter

PCB = Polychlorinated biphenyl

cPAH TEQ = The total toxic equivalent concentration of cPAHs per WAC 173-340-708(8)(e)(iii)(A); non-detected analytes calculated using one half the reporting limit.

Bold font indicates detected.

U = The analyte was not detected at the indicated reporting limit.

Gray shading indicates the analyte is detected above the screening level.

Blue shading indicates the analyte is not detected, at a reporting limit greater than the screening level.

# Table 2

## Groundwater Data - 2021 Through May 2022

**Former Go East Landfill**

**Everett, Washington**

| | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | | |
| Temperature (C) | NE | 9.92 | 9.6 | 10.1 | 10.02 | 9.8 | 49.2 | 9.4 | 10.22 | 10.0 | 10.5 | 11.6 |
| Dissolved oxygen (mg/L) | NE | 2.66 | 7.14 | 0.51 | 0.88 | 0.32 | 4.60 | 10.44 | 3.72 | 0.08 | 4.15 | 6.78 |
| Specific Conductance (uS/cm) | NE | 121 | 137.5 | 152 | 158 | 273.6 | 190.2 | 183 | 174 | 264.4 | 191.0 | 219.6 |
| pH | NE | 7.70 | 7.97 | 7.86 | 6.65 | 8.18 | 8.26 | 8.18 | 6.81 | 8.24 | 8.32 | 8.12 |
| Oxidation-Reduction Potential (mV) | NE | -184.9 | -106.9 | -152.7 | -139.8 | -280.2 | 18.5 | 128 | -113.0 | -309.0 | -173.0 | 52.7 |
| Turbidity (NTU) | NE | 5.39 | 35.9 | 34.9 | 16.1 | 9.95 | 32.0 | 21 | 41.9 | 2.97 | 88.7 | 87.4 |
| **Conventionals (mg/L)** | | | | | | | | | | | | |
| Total Organic Carbon | NE | **0.77** | -- | -- | **0.56** | -- | -- | -- | 0.50 U | -- | -- | -- |
| Alkalinity as $CaCO_3$ | NE | **87** | **86** | **86** | **110** | **120** | **120** | **110** | **110** | **110** | **110** | **100** |
| Bicarbonate Ion ($HCO_3$) | NE | **87** | **86** | **86** | **110** | **120** | **120** | **110** | **110** | **110** | **110** | **100** |
| Ammonia (Total as N) | NE | -- | **0.21** | **0.13** | -- | **0.097** | **0.11** | **0.14** | -- | **0.059** | **0.061** | **0.060** |
| Total Dissolved Solids | NE | **120** | **100** | **120** | **160** | **150** | **160** | **170** | **170** | **140 J** | **170** | **170** |
| Total Calcium | NE | **17000** | -- | -- | **21000** | -- | -- | -- | **23000** | -- | -- | -- |
| Dissolved Calcium | NE | **16000** | **18000** | **17000** | **20000** | **22000** | **23000** | **22000** | **22000** | **23000** | **24000** | **23000** |
| Chloride | NE | **3.6** | **3.9** | **2.3** | **4.6** | **5.7** | **5.1** | **3.4** | **6.5** | **6.3** | **6.6** | **6.4** |
| Nitrate (Total as N) | NE | 0.15 U | 0.050 U | 0.050 U | 0.15 U | 0.050 U | **0.079 J** | 0.050 U | **0.25** | 0.050 UJ | **0.090** | 0.050 U |
| Nitrite | NE | 0.14 U | -- | -- | 0.14 U | -- | -- | -- | 0.14 U | -- | -- | -- |
| Total Potassium | NE | **2900** | -- | -- | **3200** | -- | -- | -- | **3300** | -- | -- | -- |
| Dissolved Potassium | NE | **2700** | **2500** | **2100** | **3000** | **2000** | **2700** | **2700** | **2800** | **1900** | **1900** | **2400** |
| Total Sodium | NE | **5000** | -- | -- | **6300** | -- | -- | -- | **7300** | -- | -- | -- |
| Dissolved Sodium | NE | **4900** | **5700** | **5400** | **6000** | **7000** | **6600** | **6400** | **7200** | **8200** | **7000** | **7000** |
| Sulfate | NE | **1.2** | 5.0 U | 5.0 U | **8.1** | **12** | **10** | **7.7** | **14** | **14** | **9.7** | **13** |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | -- | 0.10 U | 0.10 U | -- | 0.10 U | 0.10 U | 0.10 U | -- | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 0.5 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.21 U | 0.21 U | -- | 0.20 U | 0.23 U | 0.22 U |
| Lube oil-range hydrocarbons | 0.5 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.21 U | 0.21 U | -- | 0.20 U | 0.23 U | 0.22 U |
| Sum of diesel+oil-range hydrocarbons | 0.5 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.21 U | 0.21 U | -- | 0.20 U | 0.23 U | 0.22 U |
| **Total Metals (ug/L)** | | | | | | | | | | | | |
| Arsenic | 5.0 | **5.1** | **5.8** | **5.3** | **4.7** | **4.8** | **5.3** | **11** | **4.4** | **3.6** | **5.0** | **3.6** |
| Cadmium | 4.4 | -- | 4.4 U | 4.4 U | -- | 4.4 U | 4.4 U | 4.4 U | -- | 4.4 U | 4.4 U | 4.4 U |
| Chromium | 50 | **1.5** | 11 U | 11 U | **2.7** | 11 U | 11 U | 11 U | **8.9** | 11 U | 11 U | 11 U |
| Copper | 11 | -- | 11 U | 11 U | -- | 11 U | 11 U | 11 U | -- | 11 U | 11 U | 11 U |
| Iron | 300 | **860** | **1900** | **2200** | **1200** | **370** | **1600** | **6200** | **4100** | **110** | **2500** | **3800** |
| Lead | 1.1 | -- | 1.1 U | 1.1 U | -- | 1.1 U | 1.1 U | **2.0** | -- | 1.1 U | **1.2** | **1.1** |
| Magnesium | NE | **8900** | **10000** | **9900** | **14000** | **18000** | **17000** | **15000** | **14000** | **15000** | **14000** | **14000** |
| Manganese | 50 | **270** | **390** | **360** | **230** | **300** | **310** | **350** | **260** | **190** | **240** | **220** |
| Mercury | 0.025 | -- | 0.025 U | 0.025 U | -- | 0.025 U | 0.025 U | 0.025 U | -- | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | -- | **86** | 22 U | -- | 22 U | 22 U | 22 U | -- | 22 U | 22 U | 22 U |
| Selenium | 5.6 | -- | 5.6 U | 5.6 U | -- | 5.6 U | 5.6 U | 5.6 U | -- | 5.6 U | 5.6 U | 5.6 U |

| | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Zinc | 100 | **2.3** | 28 U | 28 U | **4.2** | 28 U | 28 U | 28 U | **27** | 28 U | 28 U | 28 U |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | |
| Arsenic | 5.0 | **4.9** | **5.0** | **4.9** | **4.5** | **4.2** | **4.6** | **13** | **3.2** | **3.4** | **3.4** | **3.1** |
| Cadmium | 4.4 | -- | 4.0 U | 4.0 U | -- | 4.0 U | 4.0 U | 4.0 U | -- | 4.0 U | 4.0 U | 4.0 U |
| Chromium | 50 | 0.29 U | 10 U | 10 U | 0.29 U | 10 U | 10 U | 10 U | 0.29 U | 10 U | 10 U | 10 U |
| Copper | 11 | -- | 10 U | 10 U | -- | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U |
| Iron | 300 | **74** | **330** | **440** | **48** | 56 U | 56 U | 56 U | **32** | 56 U | 56 U | 56 U |
| Lead | 1.1 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U |
| Magnesium | NE | **8500** | **9200** | **8800** | **13000** | **16000** | **15000** | **13000** | **12000** | **14000** | **13000** | **13000** |
| Manganese | 50 | **240** | **350** | **310** | **210** | **270** | **250** | **200** | **140** | **170** | **180** | **150** |
| Mercury | 0.025 | -- | 0.025 U | 0.025 U | -- | 0.025 U | 0.025 U | 0.025 U | -- | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | -- | 20 U | 20 U | -- | 20 U | 20 U | 20 U | -- | 20 U | 20 U | 20 U |
| Selenium | 5.6 | -- | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U |
| Zinc | 100 | 2.2 U | 25 U | 25 U | 2.2 U | 25 U | 25 U | 25 U | 2.2 U | 25 U | 25 U | 25 U |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | |
| 4,4'-DDD | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| 4,4'-DDE | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| 4,4'-DDT | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Aldrin | 0.005 | -- | 0.0020 U | 0.0019 U | -- | 0.0019 U | 0.0019 U | 0.0019 U | -- | 0.0019 U | 0.0020 U | 0.0020 U |
| Alpha-BHC | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Beta-BHC | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| cis-Chlordane | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Delta-BHC | NE | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Dieldrin | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endosulfan I | 0.056 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endosulfan II | 0.056 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endosulfan Sulfate | 9 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endrin | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endrin Aldehyde | 0.034 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Endrin Ketone | NE | -- | 0.020 U | 0.019 U | -- | 0.019 U | 0.019 U | 0.019 U | -- | 0.019 U | 0.020 U | 0.020 U |
| Gamma-BHC | 0.06 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Heptachlor | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| Heptachlor Epoxide | 0.005 | -- | 0.0029 U | 0.0029 U | -- | 0.0028 U | 0.0029 U | 0.0029 U | -- | 0.0028 U | 0.0030 U | 0.0030 U |
| Methoxychlor | 0.02 | -- | 0.0098 U | 0.0095 U | -- | 0.0095 U | 0.0096 U | 0.0097 U | -- | 0.0095 U | 0.010 U | 0.010 U |
| Toxaphene | 0.05 | -- | 0.049 U | 0.048 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| trans-Chlordane | 0.005 | -- | 0.0049 U | 0.0048 U | -- | 0.0047 U | 0.0048 U | 0.0049 U | -- | 0.0047 U | 0.0050 U | 0.0050 U |
| **Herbicides (ug/L)** | | | | | | | | | | | | |
| 2,4,5-T | 160 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 2,4,5-TP | 10 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 2,4-D | 70 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 2,4-DB | 480 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 3,5-Dichlorobenzoic Acid | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| 4-Nitrophenol | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Acifluorfen | NE | -- | 4.96 U | -- | -- | 4.92 U | 4.99 U | -- | -- | 4.99 U | 4.94 U | -- |
| Bentazon | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Chloramben | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |

| | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Chlorthal-dimethyl (DACTHAL) | NE | -- | 1.98 U | -- | -- | 1.97 U | 1.99 U | -- | -- | 1.99 U | 1.97 U | -- |
| Dalapon | 200 | -- | 1.98 U | -- | -- | 1.97 U | 1.99 U | -- | -- | 1.99 U | 1.97 U | -- |
| Dicamba | 480 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Dichlorprop | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| Dinoseb | 7 | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| MCPA | 23 | -- | 4.96 U | -- | -- | 4.92 U | 4.99 U | -- | -- | 4.99 U | 4.94 U | -- |
| MCPP | 16 | -- | 4.96 U | -- | -- | 4.92 U | 4.99 U | -- | -- | 4.99 U | 4.94 U | -- |
| Pentachlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Picloram | NE | -- | 0.991 U | -- | -- | 0.983 U | 0.997 U | -- | -- | 0.997 U | 0.987 U | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1221 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1232 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1242 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1248 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1254 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| PCB-Aroclor 1260 | NE | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| Total PCB Aroclors | 0.05 | -- | 0.049 U | 0.049 U | -- | 0.047 U | 0.048 U | 0.049 U | -- | 0.047 U | 0.050 U | 0.050 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1,1-Trichloroethane | 200 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1-Dichloroethane | 1 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1-Dichloroethylene | 7 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,1-Dichloropropene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | -- | 0.20 U | 0.20 U | -- | 0.27 U | 0.20 U | 0.20 U | -- | 0.25 U | 20 U | 0.20 U |
| 1,2,3-Trichloropropane | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | 80 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | 1 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| 1,2-Dibromoethane | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dichloroethane | 0.5 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,2-Dichloropropane | 0.6 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | 80 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,3-Dichloropropane | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 2,2-Dichloropropane | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 2-Chlorotoluene | 160 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 2-Hexanone | 40 | -- | 2.0 U | 2.0 U | -- | 2.0 U | 2.0 U | 2.0 U | -- | 2.0 U | 200 U | 2.0 U |
| 4-Chlorotoluene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| 4-Isopropyltoluene | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Acetone | 7200 | -- | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U | -- | **86** | **3900** | 5.0 U |
| Benzene | 0.44 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |

| | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Bromobenzene | 64 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Bromochloromethane | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Bromoform | 4.6 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Bromomethane | 11 | -- | 1.0 U | 2.3 U | -- | 0.33 U | 0.20 U | 2.3 U | -- | 0.27 U | 100 U | 2.8 U |
| Carbon Disulfide | 400 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Carbon Tetrachloride | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Chlorobenzene | 20 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Chloroethane | 19000 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Chloroform | 1.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Chloromethane | 150 | -- | 1.0 U | 1.0 U | -- | 1.3 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.3 U |
| cis-1,2-Dichloroethylene | 16 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| cis-1,3-Dichloropropene | 0.22 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dibromochloromethane | 0.6 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dibromomethane | 80 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dichlorobromomethane | 0.3 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Dichlorodifluoromethane | 5.6 | -- | 0.20 U | 0.20 U | -- | 0.31 U | 0.20 U | 0.20 U | -- | 0.26 U | 100 U | 0.39 U |
| Ethylbenzene | 29 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Hexachlorobutadiene | NE | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Isopropylbenzene | 800 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | 4800 | -- | 5.0 U | 5.0 U | -- | 5.0 U | 5.0 U | 5.0 U | -- | **12** | **540** | 5.0 U |
| Methyl Iodide | NE | -- | 5.0 U | 34 U | -- | 1.4 U | 1.6 U | 34 U | -- | 1.3 U | 500 U | 14 U |
| Methyl isobutyl ketone | 640 | -- | 2.0 U | 2.0 U | -- | 2.0 U | 2.0 U | 2.0 U | -- | 2.0 U | 200 U | 2.0 U |
| Methyl tert-butyl ether | 24 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Methylene Chloride | 5 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Naphthalene | 8.9 | -- | 1.0 U | 1.0 U | -- | 1.3 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| n-Butylbenzene | 400 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| n-Propylbenzene | 800 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Sec-Butylbenzene | 800 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Styrene | 100 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Tert-Butylbenzene | 800 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Tetrachloroethylene | 0.8 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Toluene | 57 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| trans-1,2-Dichloroethylene | 100 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| trans-1,3-Dichloropropene | 0.22 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Trichloroethylene | 0.3 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Trichlorofluoromethane | 120 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Vinyl Acetate | 7800 | -- | 1.0 U | 1.0 U | -- | 1.0 U | 1.0 U | 1.0 U | -- | 1.0 U | 100 U | 1.0 U |
| Vinyl Chloride | 0.2 | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Xylene, m-,p- | NE | -- | 0.40 U | 0.40 U | -- | 0.40 U | 0.40 U | 0.40 U | -- | 0.40 U | 40 U | 0.40 U |
| Xylene, o- | NE | -- | 0.20 U | 0.20 U | -- | 0.20 U | 0.20 U | 0.20 U | -- | 0.20 U | 20 U | 0.20 U |
| Total xylenes | 330 | -- | 0.40 U | 0.40 U | -- | 0.40 U | 0.40 U | 0.40 U | -- | 0.40 U | 40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,2-Dichlorobenzene | 600 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,2-Dinitrobenzene | 1.6 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,2-Diphenylhydrazine | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |

| | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| Analyte | Groundwater Screening Level[1] | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 2 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,3-Dinitrobenzene | 1.6 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,4-Dichlorobenzene | 4.9 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 1,4-Dinitrobenzene | 1.6 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,2'-Oxybis[1-chloropropane] | NE | -- | -- | -- | -- | 0.95 U | -- | -- | -- | 0.95 U | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,3,5,6-Tetrachlorophenol | NE | -- | 0.97 U | 1.0 U | -- | 1.1 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,3-Dichloroaniline | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4,5-Trichlorophenol | 300 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4,6-Trichlorophenol | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4-Dichlorophenol | 10 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4-Dimethylphenol | 85 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,4-Dinitrophenol | 10 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 7.7 U | 5.2 U |
| 2,4-Dinitrotoluene | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2,6-Dichlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Chloronaphthalene | 100 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Chlorophenol | 15 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-methylphenol | 400 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Nitroaniline | 160 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 2-Nitrophenol | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 3&4-Methylphenol | 400 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 3,3'-Dichlorobenzidine | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 3-Nitroaniline | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4,6-Dinitro-2-Methylphenol | 5 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| 4-Bromophenyl phenyl ether | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Chloro-3-Methylphenol | 36 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Chloroaniline | 1 | -- | 1.3 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Chlorophenyl phenyl ether | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Nitroaniline | 64 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| 4-Nitrophenol | NE | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Aniline | 7.7 | -- | 4.9 U | 6.5 U | -- | 4.7 U | 4.8 U | 6.3 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Benzyl Alcohol | 800 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Bis(2-Chloroethoxy)Methane | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Bis(2-Chloroethyl)Ether | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Bis(2-chloroisopropyl) ether | NE | -- | 0.97 U | 1.0 U | -- | -- | 0.95 U | 0.99 U | -- | -- | 0.97 U | 1.0 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Butyl benzyl Phthalate | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Carbazole | 5 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Di(2-ethylhexyl)adipate | NE | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Dibenzofuran | NE | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Dibutyl Phthalate | 8 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Diethyl Phthalate | 200 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Dimethyl Phthalate | 600 | -- | 4.9 U | 5.1 U | -- | 4.7 U | 4.8 U | 5.0 U | -- | 4.7 U | 4.9 U | 5.2 U |
| Di-N-Octyl Phthalate | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachlorobenzene | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |

| | Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| | Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Hexachlorobutadiene | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachlorocyclopentadiene | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Hexachloroethane | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Isophorone | 27 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Nitrobenzene | 10 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| N-Nitrosodimethylamine | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| N-Nitrosodi-n-propylamine | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| N-Nitrosodiphenylamine | 1 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Pentachlorophenol | 5 | -- | 4.9 U | 6.3 U | -- | 4.7 U | 4.8 U | 6.2 U | -- | 4.7 U | 4.9 U | 2.1 U |
| Phenol | 160 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| Pyridine | 8 | -- | 0.97 U | 1.0 U | -- | 0.95 U | 0.95 U | 0.99 U | -- | 0.95 U | 0.97 U | 1.0 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| 2-Methylnaphthalene | 32 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Acenaphthene | 30 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Acenaphthylene | NE | -- | 0.097 U | 0.10 U | -- | 0.21 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Anthracene | 100 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Benzo(a)anthracene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(a)pyrene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(b)fluoranthene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(g,h,i)perylene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Benzo(j,k)fluoranthene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Chrysene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Dibenzo(a,h)anthracene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Fluoranthene | 0.1 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Fluorene | 10 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Indeno(1,2,3-c,d)pyrene | NE | -- | 0.0097 U | 0.010 U | -- | 0.0095 U | 0.0095 U | 0.0099 U | -- | 0.0095 U | 0.0097 U | 0.010 U |
| Naphthalene | 8.9 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Phenanthrene | NE | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Pyrene | 0.1 | -- | 0.097 U | 0.10 U | -- | 0.095 U | 0.095 U | 0.099 U | -- | 0.095 U | 0.097 U | 0.10 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | -- | 0.00732 U | 0.00755 U | -- | 0.00717 U | 0.00717 U | 0.00747 U | -- | 0.00717 U | 0.00732 U | 0.00755 U |

| | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | | |
| Temperature (C) | NE | 10.5 | 8.0 | 9.9 | 10.7 | 11.9 | 14.3 | 13.4 | 14.2 | 10.5 | 9.4 | 9.8 |
| Dissolved oxygen (mg/L) | NE | 10.03 | 0.76 | 0.39 | 10.66 | 7.86 | 1.52 | 0.74 | 5.10 | 4.22 | 10.25 | 11.54 |
| Specific Conductance (uS/cm) | NE | 294.3 | 292.9 | 208.0 | 491.9 | 253.3 | 451.0 | 362.6 | 461.5 | 237.8 | 162.3 | 192.8 |
| pH | NE | 8.02 | 7.43 | 7.74 | 8.64 | 7.73 | 6.69 | 6.69 | 6.56 | 7.99 | 8.07 | 8.10 |
| Oxidation-Reduction Potential (mV) | NE | -119.3 | 124.1 | -111.8 | 189.6 | 157.0 | -177.7 | 15.8 | 138.4 | -136.5 | 253.4 | 201.8 |
| Turbidity (NTU) | NE | 6.66 | 13.6 | 7.13 | 27.9 | 29 | 9.82 | 6.28 | 27.7 | 98.1 | 26.1 | 64.0 |
| **Conventionals (mg/L)** | | | | | | | | | | | | |
| Total Organic Carbon | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Alkalinity as $CaCO_3$ | NE | -- | -- | **120** | **120** | **120** | **190** | **200** | **230** | **100** | **94** | **110** |
| Bicarbonate Ion ($HCO_3$) | NE | -- | -- | **120** | **120** | **120** | **190** | **200** | **230** | **100** | **94** | **110** |
| Ammonia (Total as N) | NE | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | **0.10** | **0.096** | **0.10** | 0.050 U | 0.050 U | 0.050 U |
| Total Dissolved Solids | NE | **160** | **160** | **150** | **160** | **200** | **250** | **270** | **290** | **120** | **140** | **150** |
| Total Calcium | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Calcium | NE | **27000** | **26000** | **28000** | **24000** | **27000** | **41000** | **44000** | **44000** | **20000** | **18000** | **20000** |
| Chloride | NE | **7.3** | **7.1** | **6.2** | **6.7** | **6.9** | **5.3** | **5.7** | **3.9** | **9.0** | **5.3** | **2.5** |
| Nitrate (Total as N) | NE | **0.21 J** | **0.063** | 0.050 U | 0.050 U | 0.050 U | **0.62** | **0.12 J** | **0.12** | **0.22** | **0.12 J** | 0.050 U |
| Nitrite | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total Potassium | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Potassium | NE | **2000** | **3600** | **2000** | **2400** | **2500** | **2400** | **2500** | **2500** | **1900** | **2200** | **2100** |
| Total Sodium | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Sodium | NE | **7400** | **6600** | **6500** | **6700** | **7200** | **18000** | **19000** | **16000** | **7600** | **6000** | **6600** |
| Sulfate | NE | **14** | **15** | **14** | **14** | **14** | **26** | **25** | **26** | **8.5** | **5.9** | 5.0 U |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 0.5 | 0.15 U | **0.41** | 0.21 U | 0.10 U | 0.20 U | 0.21 U | 0.22 U | 0.20 U | 0.20 U | 0.20 U | 0.22 U |
| Lube oil-range hydrocarbons | 0.5 | 0.20 U | **0.74** | 0.21 U | 0.20 U | 0.20 U | 0.21 U | 0.22 U | 0.20 U | 0.20 U | 0.20 U | 0.22 U |
| Sum of diesel+oil-range hydrocarbons | 0.5 | 0.20 U | **1.15** | 0.21 U | 0.20 U | 0.20 U | 0.21 U | 0.22 U | 0.20 U | 0.20 U | 0.20 U | 0.22 U |
| **Total Metals (ug/L)** | | | | | | | | | | | | |
| Arsenic | 5.0 | **5.1** | **5.8** | **6.6** | **6.6** | **7.8** | **3.5** | **4.2** | **5.8** | **11** | **10** | **12** |
| Cadmium | 4.4 | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U |
| Chromium | 50 | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | **13** |
| Copper | 11 | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | **27** |
| Iron | 300 | **360** | **1000** | **130 J** | **200** | **600** | **420** | **1100** | **2000** | **6900** | **2100** | **24000** |
| Lead | 1.1 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | **3.2** | **1.2** | **8.8** |
| Magnesium | NE | **17000** | **15000** | **13000** | **15000** | **14000** | **23000** | **24000** | **24000** | **18000** | **13000** | **24000** |
| Manganese | 50 | **390** | **290** | **270** | **230** | **290** | **1800** | **2100** | **2100** | **680** | **180** | **1300** |
| Mercury | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | **42** | 22 U | **36** |
| Selenium | 5.6 | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U |

| | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Zinc | 100 | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | **42** |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | |
| Arsenic | 5.0 | **4.2** | **4.7** | **5.7** | **4.9** | **5.7** | **3.0** | **3.9** | **4.2** | **8.5** | **8.8** | **9.1** |
| Cadmium | 4.4 | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U |
| Chromium | 50 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Copper | 11 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Iron | 300 | 56 U | 56 U | **65** | 56 U | 56 U | **62** | **74** | **67** | 56 U | 56 U | 56 U |
| Lead | 1.1 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Magnesium | NE | **15000** | **14000** | **14000** | **12000** | **16000** | **22000** | **21000** | **23000** | **14000** | **12000** | **13000** |
| Manganese | 50 | **330** | **260** | **280** | **190** | **300** | **1800** | **2000** | **2000** | **250** | **62** | **32** |
| Mercury | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Selenium | 5.6 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Zinc | 100 | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | |
| 4,4'-DDD | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| 4,4'-DDE | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| 4,4'-DDT | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Aldrin | 0.005 | 0.0019 U | 0.0019 U | 0.0019 U | 0.0019 U | 0.0019 U | 0.0019 U | 0.0020 U | 0.0020 U | 0.0019 U | 0.0021 U | 0.0023 U |
| Alpha-BHC | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Beta-BHC | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| cis-Chlordane | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Delta-BHC | NE | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Dieldrin | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endosulfan I | 0.056 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endosulfan II | 0.056 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endosulfan Sulfate | 9 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endrin | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endrin Aldehyde | 0.034 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Endrin Ketone | NE | 0.019 U | 0.019 U | 0.019 U | 0.019 U | 0.019 U | 0.019 U | 0.020 U | 0.020 U | 0.019 U | 0.021 U | 0.023 U |
| Gamma-BHC | 0.06 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Heptachlor | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| Heptachlor Epoxide | 0.005 | 0.0029 U | 0.0029 U | 0.0029 U | 0.0029 U | 0.0029 U | 0.0029 U | 0.0030 U | 0.0030 U | 0.0028 U | 0.0032 U | 0.0035 U |
| Methoxychlor | 0.02 | 0.0095 U | **0.011** | 0.0095 U | 0.0097 U | 0.0097 U | 0.0095 U | 0.010 U | 0.010 U | 0.0095 U | 0.011 U | 0.012 U |
| Toxaphene | 0.05 | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| trans-Chlordane | 0.005 | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0051 U | 0.0050 U | 0.0047 U | 0.0053 U | 0.0058 U |
| **Herbicides (ug/L)** | | | | | | | | | | | | |
| 2,4,5-T | 160 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 2,4,5-TP | 10 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 2,4-D | 70 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 2,4-DB | 480 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 3,5-Dichlorobenzoic Acid | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| 4-Nitrophenol | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Acifluorfen | NE | 4.93 U | 4.95 U | 4.98 U | -- | -- | 4.99 U | 4.95 U | -- | 4.94 U | 4.92 U | -- |
| Bentazon | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Chloramben | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |

| | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Chlorthal-dimethyl (DACTHAL) | NE | 1.97 U | 1.98 U | 1.99 U | -- | -- | 1.99 U | 1.98 U | -- | 1.98 U | 1.97 U | -- |
| Dalapon | 200 | 1.97 U | 1.98 U | 1.99 U | -- | -- | 1.99 U | 1.98 U | -- | 1.98 U | 1.97 U | -- |
| Dicamba | 480 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Dichlorprop | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| Dinoseb | 7 | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| MCPA | 23 | 4.93 U | 4.95 U | 4.98 U | -- | -- | 4.99 U | 4.95 U | -- | 4.94 U | 4.92 U | -- |
| MCPP | 16 | 4.93 U | 4.95 U | 4.98 U | -- | -- | 4.99 U | 4.95 U | -- | 4.94 U | 4.92 U | -- |
| Pentachlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Picloram | NE | 0.986 U | 0.991 U | 0.996 U | -- | -- | 0.997 U | 0.989 U | -- | 0.988 U | 0.984 U | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1221 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1232 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1242 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1248 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1254 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| PCB-Aroclor 1260 | NE | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| Total PCB Aroclors | 0.05 | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.048 U | 0.051 U | 0.050 U | 0.047 U | 0.053 U | 0.058 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,1-Trichloroethane | 200 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethane | 1 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethylene | 7 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloropropene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | 0.25 U | 0.20 U | 0.20 U | 0.25 U | 0.20 U | 0.27 U | 0.20 U | 0.20 U | 0.27 U | 0.20 U | 0.20 U |
| 1,2,3-Trichloropropane | 0.2 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | 80 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | 1 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dibromoethane | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloroethane | 0.5 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloropropane | 0.6 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | 80 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichloropropane | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2,2-Dichloropropane | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Chlorotoluene | 160 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Hexanone | 40 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| 4-Chlorotoluene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 4-Isopropyltoluene | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Acetone | 7200 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | 0.44 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |

| | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | | | | |
| Bromobenzene | 64 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromochloromethane | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromoform | 4.6 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Bromomethane | 11 | 0.20 U | 1.0 U | 2.8 U | 1.0 U | 0.30 U | 0.33 U | 0.20 U | 3.1 U | 0.33 U | 0.20 U | 1.8 U |
| Carbon Disulfide | 400 | 0.20 U | 0.20 U | 0.20 U | 0.27 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.28 U |
| Carbon Tetrachloride | 0.2 | 0.20 U | 0.20 U | 0.28 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chlorobenzene | 20 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chloroethane | 19000 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Chloroform | 1.2 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chloromethane | 150 | 1.3 U | 1.0 U | 1.6 U | 1.0 U | 1.0 U | 1.3 U | 1.0 U | 1.0 U | 1.3 U | 1.3 U | 1.0 U |
| cis-1,2-Dichloroethylene | 16 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| cis-1,3-Dichloropropene | 0.22 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromochloromethane | 0.6 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromomethane | 80 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorobromomethane | 0.3 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorodifluoromethane | 5.6 | 0.30 U | 0.20 U | 0.28 U | 0.26 U | 0.20 U | 0.31 U | 0.29 U | 0.20 U | 0.31 U | 0.31 U | 0.20 U |
| Ethylbenzene | 29 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Hexachlorobutadiene | NE | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Isopropylbenzene | 800 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | 4800 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methyl Iodide | NE | 1.5 U | 5.0 U | 8.5 U | 5.0 U | 3.8 U | 1.4 U | 1.0 U | 19 U | 1.4 U | 1.0 U | 28 U |
| Methyl isobutyl ketone | 640 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Methyl tert-butyl ether | 24 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Methylene Chloride | 5 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Naphthalene | 8.9 | 1.0 U | 1.0 U | **10** | 1.0 U | 1.0 U | 1.3 U | 1.0 U | 1.0 U | 1.3 U | 1.0 U | 1.0 U |
| n-Butylbenzene | 400 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| n-Propylbenzene | 800 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Sec-Butylbenzene | 800 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Styrene | 100 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Tert-Butylbenzene | 800 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Tetrachloroethylene | 0.8 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Toluene | 57 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| trans-1,2-Dichloroethylene | 100 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| trans-1,3-Dichloropropene | 0.22 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Trichloroethylene | 0.3 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Trichlorofluoromethane | 120 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Vinyl Acetate | 7800 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Vinyl Chloride | 0.2 | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Xylene, m-,p- | NE | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U |
| Xylene, o- | NE | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Total xylenes | 330 | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,2-Dichlorobenzene | 600 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,2-Dinitrobenzene | 1.6 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,2-Diphenylhydrazine | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |

| | Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| | Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| | Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| Analyte | Groundwater Screening Level[1] | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 2 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,3-Dinitrobenzene | 1.6 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,4-Dichlorobenzene | 4.9 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 1,4-Dinitrobenzene | 1.6 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,2'-Oxybis[1-chloropropane] | NE | 0.95 U | 0.99 U | -- | -- | -- | 0.98 U | -- | -- | 1.0 U | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,3,5,6-Tetrachlorophenol | NE | 1.1 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 1.2 U | 1.0 U | 0.98 U | 1.2 U | 0.95 U | 1.1 U |
| 2,3-Dichloroaniline | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4,5-Trichlorophenol | 300 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4,6-Trichlorophenol | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4-Dichlorophenol | 10 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4-Dimethylphenol | 85 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,4-Dinitrophenol | 10 | 4.7 U | 5.0 U | 7.9 U | 4.8 U | 11 U | 4.9 U | 8.7 U | 6.2 U | 5.1 U | 6.6 U | 7.5 U |
| 2,4-Dinitrotoluene | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2,6-Dichlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Chloronaphthalene | 100 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Chlorophenol | 15 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-methylphenol | 400 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Nitroaniline | 160 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 2-Nitrophenol | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 3&4-Methylphenol | 400 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 3,3'-Dichlorobenzidine | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 3-Nitroaniline | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 7.6 U | 4.9 U | 6.5 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| 4-Bromophenyl phenyl ether | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Chloro-3-Methylphenol | 36 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Chloroaniline | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Chlorophenyl phenyl ether | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Nitroaniline | 64 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| 4-Nitrophenol | NE | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Aniline | 7.7 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Benzyl Alcohol | 800 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Bis(2-Chloroethoxy)Methane | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Bis(2-Chloroethyl)Ether | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Bis(2-chloroisopropyl) ether | NE | -- | -- | 1.0 U | 0.96 U | 0.96 U | -- | 1.0 U | 0.98 U | -- | 0.95 U | 1.1 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 9.6 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Butyl benzyl Phthalate | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Carbazole | 5 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Di(2-ethylhexyl)adipate | NE | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Dibenzofuran | NE | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Dibutyl Phthalate | 8 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Diethyl Phthalate | 200 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Dimethyl Phthalate | 600 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 4.8 U | 4.9 U | 5.1 U | 4.9 U | 5.1 U | 4.8 U | 5.3 U |
| Di-N-Octyl Phthalate | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachlorobenzene | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |

| Analyte | Location ID<br>Sample ID<br>Sample Date<br>Matrix<br>Groundwater Screening Level[1] | MW5<br>MW5-211207<br>12/7/2021<br>GW | <br>MW5-220203<br>2/3/2022<br>GW | <br>MW-5-20220307<br>3/7/2022<br>GW | <br>MW5-20220407<br>4/7/2022<br>GW | <br>MW-5-220518<br>5/18/2022<br>GW | MW6<br>MW6-211209<br>12/9/2021<br>GW | <br>MW-6-31122<br>3/11/2022<br>GW | <br>MW-6-220503<br>5/3/2022<br>GW | MW7<br>MW7-211209<br>12/9/2021<br>GW | <br>MW7-20220314<br>3/14/2022<br>GW | <br>MW-7-20220506<br>5/6/2022<br>GW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachlorocyclopentadiene | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Hexachloroethane | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Isophorone | 27 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Nitrobenzene | 10 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| N-Nitrosodimethylamine | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| N-Nitrosodi-n-propylamine | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| N-Nitrosodiphenylamine | 1 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Pentachlorophenol | 5 | 4.7 U | 5.0 U | 5.0 U | 4.8 U | 6.3 U | 4.9 U | 6.5 U | 7.5 U | 5.1 U | 6.0 U | 9.5 U |
| Phenol | 160 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| Pyridine | 8 | 0.95 U | 0.99 U | 1.0 U | 0.96 U | 0.96 U | 0.98 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U | 1.1 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| 2-Methylnaphthalene | 32 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Acenaphthene | 30 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Acenaphthylene | NE | 0.21 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.22 U | 0.10 U | 0.098 U | 0.22 U | 0.095 U | 0.11 U |
| Anthracene | 100 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Benzo(a)anthracene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.27** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(a)pyrene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.17** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(b)fluoranthene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.12** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(g,h,i)perylene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.19** | 0.010 U | 0.0095 U | 0.011 U |
| Benzo(j,k)fluoranthene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | **0.018** | 0.010 U | **0.36** | **0.016** | 0.0095 U | 0.011 U |
| Chrysene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.085** | 0.010 U | 0.0095 U | 0.011 U |
| Dibenzo(a,h)anthracene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.14** | 0.010 U | 0.0095 U | 0.011 U |
| Fluoranthene | 0.1 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Fluorene | 10 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Indeno(1,2,3-c,d)pyrene | NE | 0.0095 U | 0.0099 U | 0.010 U | 0.0096 U | 0.0096 U | 0.0098 U | 0.010 U | **0.12** | 0.010 U | 0.0095 U | 0.011 U |
| Naphthalene | 8.9 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Phenanthrene | NE | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U | 0.11 U |
| Pyrene | 0.1 | 0.095 U | 0.099 U | 0.10 U | 0.096 U | 0.096 U | 0.098 U | 0.10 U | **0.26** | 0.10 U | 0.095 U | 0.11 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | 0.00717 U | 0.00747 U | 0.00755 U | 0.00725 U | 0.00725 U | **0.00871** | 0.00755 U | **0.27185** | **0.00865** | 0.00717 U | 0.0083 U |

| | Location ID | MW8 | | | | MW9 | | MW10 | |
|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 |
| | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 |
| | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | |
| **Field Parameters** | | | | | | | | | |
| Temperature (C) | NE | 12.0 | 12.0 | 13.2 | 11.50 | 10.7 | 11.7 | 9.3 | 10.3 |
| Dissolved oxygen (mg/L) | NE | 0.47 | 0.47 | 4.70 | 7.32 | 4.30 | 3.38 | 6.51 | 0.78 |
| Specific Conductance (uS/cm) | NE | 592.8 | 592.8 | 469.5 | 347.1 | 575 | 586 | 310.1 | 424.1 |
| pH | NE | 6.67 | 6.67 | 6.78 | 6.75 | 6.76 | 6.77 | 7.14 | 6.84 |
| Oxidation-Reduction Potential (mV) | NE | -191.6 | -191.6 | 171.2 | 159.1 | 130.7 | 9.0 | 148.9 | -82.2 |
| Turbidity (NTU) | NE | 9.63 | 9.63 | 137 | 43.1 | 140 | 9.91 | 177 | 10.3 |
| **Conventionals (mg/L)** | | | | | | | | | |
| Total Organic Carbon | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| Alkalinity as $CaCO_3$ | NE | **230** | **220** | **220** | **200** | **390** | **340** | **170** | **230** |
| Bicarbonate Ion ($HCO_3$) | NE | **230** | **220** | **220** | **200** | **390** | **340** | **170** | **230** |
| Ammonia (Total as N) | NE | 0.050 U | 0.050 U | 0.050 U | 0.050 U | **1.8** | **1.1** | 0.050 U | 0.22 |
| Total Dissolved Solids | NE | **320** | **320** | **320** | **280** | **460** | **400** | **270** | **300** |
| Total Calcium | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Calcium | NE | **37000** | **38000** | **40000** | **33000** | **110000** | **93000** | **48000** | **65000** |
| Chloride | NE | **4.5** | **4.5** | **4.6** | **2.5** | **6.7** | **6.2** | **6.1** | **4.5** |
| Nitrate (Total as N) | NE | **0.10 J** | **0.65 J** | **2.9** | 0.050 U | **0.066** | **0.050** | **0.18** | **0.11** |
| Nitrite | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| Total Potassium | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Potassium | NE | **4100** | **4500** | **4500** | **3700** | **6900** | **5300** | **4300** | **3400** |
| Total Sodium | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Sodium | NE | **11000** | **11000** | **9800** | **9200** | **14000** | **13000** | **8200** | **9400** |
| Sulfate | NE | **73** | **71** | **69** | **49** | **25** | **21** | **48** | **33** |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | |
| Gasoline-range hydrocarbons | 0.8 | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 0.5 | 0.21 U | 0.20 U | 0.21 U | 0.21 U | **0.20** | **0.12** | 0.16 U | 0.10 U |
| Lube oil-range hydrocarbons | 0.5 | 0.21 U | 0.20 U | 0.21 U | 0.21 U | **0.25** | 0.21 U | **0.22** | 0.20 U |
| Sum of diesel+oil-range hydrocarbons | 0.5 | 0.21 U | 0.20 U | 0.21 U | 0.21 U | **0.45** | **0.12** | **0.22** | 0.20 U |
| **Total Metals (ug/L)** | | | | | | | | | |
| Arsenic | 5.0 | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | **4.3** | 3.3 U |
| Cadmium | 4.4 | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U | 4.4 U |
| Chromium | 50 | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U |
| Copper | 11 | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U | 11 U |
| Iron | 300 | **1300** | **1400** | **2800** | **2100** | **5100** | **2300** | **6800** | **1400** |
| Lead | 1.1 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | **2.5** | 1.1 U | **4.5** | 1.1 U |
| Magnesium | NE | **50000** | **50000** | **47000** | **33000** | **30000** | **24000** | **23000** | **21000** |
| Manganese | 50 | **2100** | **2200** | **2400** | **1600** | **1500** | **1100** | **320** | **460** |
| Mercury | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | **39** | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U | 22 U |
| Selenium | 5.6 | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U |

| | Location ID | MW8 | | | | MW9 | | MW10 | |
|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 |
| | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 |
| | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | |
| Zinc | 100 | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U | 28 U |
| **Dissolved Metals (ug/L)** | | | | | | | | | |
| Arsenic | 5.0 | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U |
| Cadmium | 4.4 | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U | 4.0 U |
| Chromium | 50 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Copper | 11 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Iron | 300 | **120** | **110** | **99** | **65** | 56 U | **1900** | **100** | **1000** |
| Lead | 1.1 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Magnesium | NE | **41000** | **42000** | **40000** | **36000** | **26000** | **26000** | **18000** | **23000** |
| Manganese | 50 | **1900** | **1900** | **2200** | **1700** | **1300** | **1200** | **200** | **440** |
| Mercury | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Selenium | 5.6 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Zinc | 100 | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | |
| 4,4'-DDD | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| 4,4'-DDE | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| 4,4'-DDT | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Aldrin | 0.005 | 0.0019 U | 0.0019 U | 0.0021 U | 0.0019 U | 0.0022 U | 0.0019 U | 0.0022 U | 0.0019 U |
| Alpha-BHC | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Beta-BHC | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| cis-Chlordane | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Delta-BHC | NE | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Dieldrin | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Endosulfan I | 0.056 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Endosulfan II | 0.056 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Endosulfan Sulfate | 9 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Endrin | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Endrin Aldehyde | 0.034 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Endrin Ketone | NE | 0.019 U | 0.019 U | 0.021 U | 0.019 U | 0.022 U | 0.019 U | 0.022 U | 0.019 U |
| Gamma-BHC | 0.06 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Heptachlor | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| Heptachlor Epoxide | 0.005 | 0.0029 U | 0.0029 U | 0.0031 U | 0.0029 U | 0.0033 U | 0.0029 U | 0.0033 U | 0.0029 U |
| Methoxychlor | 0.02 | 0.0097 U | 0.0097 U | 0.010 U | 0.0097 U | 0.011 U | 0.0097 U | **0.029** | 0.0095 U |
| Toxaphene | 0.05 | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| trans-Chlordane | 0.005 | 0.0049 U | 0.0049 U | 0.0052 U | 0.0049 U | 0.0055 U | 0.0048 U | 0.0054 U | 0.0048 U |
| **Herbicides (ug/L)** | | | | | | | | | |
| 2,4,5-T | 160 | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| 2,4,5-TP | 10 | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| 2,4-D | 70 | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| 2,4-DB | 480 | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| 3,5-Dichlorobenzoic Acid | NE | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| 4-Nitrophenol | NE | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| Acifluorfen | NE | 4.97 U | 5 U | 4.99 U | -- | 4.93 U | -- | 4.96 U | -- |
| Bentazon | NE | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| Chloramben | NE | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |

| | Location ID | MW8 | | | | MW9 | | MW10 | |
|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 |
| | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 |
| | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | |
| Chlorthal-dimethyl (DACTHAL) | NE | 1.99 U | 2 U | 2 U | -- | 1.97 U | -- | 1.98 U | -- |
| Dalapon | 200 | 1.99 U | 2 U | 2 U | -- | 1.97 U | -- | 1.98 U | -- |
| Dicamba | 480 | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| Dichlorprop | NE | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| Dinoseb | 7 | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| MCPA | 23 | 4.97 U | 5 U | 4.99 U | -- | 4.93 U | -- | 4.96 U | -- |
| MCPP | 16 | 4.97 U | 5 U | 4.99 U | -- | 4.93 U | -- | 4.96 U | -- |
| Pentachlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| Picloram | NE | 0.994 U | 1 U | 0.998 U | -- | 0.987 U | -- | 0.991 U | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | |
| PCB-Aroclor 1016 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| PCB-Aroclor 1221 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| PCB-Aroclor 1232 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| PCB-Aroclor 1242 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| PCB-Aroclor 1248 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| PCB-Aroclor 1254 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| PCB-Aroclor 1260 | NE | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| Total PCB Aroclors | 0.05 | 0.049 U | 0.049 U | 0.052 U | 0.049 U | 0.055 U | 0.048 U | 0.054 U | 0.048 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 1.7 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,1-Trichloroethane | 200 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethane | 1 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethylene | 7 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloropropene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,3-Trichloropropane | 0.2 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | 80 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | 1 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dibromoethane | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloroethane | 0.5 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloropropane | 0.6 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | 80 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichloropropane | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2,2-Dichloropropane | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Chlorotoluene | 160 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Hexanone | 40 | 2.0 U | 2.0 U | 2 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| 4-Chlorotoluene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| 4-Isopropyltoluene | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | **0.37** | **0.27** |
| Acetone | 7200 | 6.6 U | 6.6 U | 5 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | 0.44 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |

| Analyte | Location ID<br>Sample ID<br>Sample Date<br>Matrix | Groundwater Screening Level[1] | MW8<br>MW8-211213<br>12/13/2021<br>GW | MW8<br>DUP-211213<br>12/13/2021<br>GW FD | MW8<br>MW8-20220322<br>3/22/2022<br>GW | MW8<br>MW8-05022022<br>5/2/2022<br>GW | MW9<br>MW-9-20220404<br>4/4/2022<br>GW | MW9<br>MW-9-20220519<br>5/19/2022<br>GW | MW10<br>MW-10-20220404<br>4/4/2022<br>GW | MW10<br>MW-10-20220519<br>5/19/2022<br>GW |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromobenzene | | 64 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromochloromethane | | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Bromoform | | 4.6 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Bromomethane | | 11 | 0.20 U | 0.20 U | 3.3 U | 3.1 U | 1.0 U | 0.30 U | 1.0 U | 0.30 U |
| Carbon Disulfide | | 400 | 0.26 U | 0.26 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Carbon Tetrachloride | | 0.2 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chlorobenzene | | 20 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chloroethane | | 19000 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Chloroform | | 1.2 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Chloromethane | | 150 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| cis-1,2-Dichloroethylene | | 16 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| cis-1,3-Dichloropropene | | 0.22 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromochloromethane | | 0.6 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromomethane | | 80 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorobromomethane | | 0.3 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorodifluoromethane | | 5.6 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.29 U | 0.20 U | 0.29 U | 0.20 U |
| Ethylbenzene | | 29 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Hexachlorobutadiene | | NE | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Isopropylbenzene | | 800 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | | 4800 | 6.3 U | 6.3 U | 5 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Methyl Iodide | | NE | 5.0 U | 5.0 U | 8.6 U | 19 U | 2.0 U | 3.8 U | 2.0 U | 3.8 U |
| Methyl isobutyl ketone | | 640 | 2.0 U | 2.0 U | 2 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Methyl tert-butyl ether | | 24 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Methylene Chloride | | 5 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Naphthalene | | 8.9 | 1.3 U | 1.3 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| n-Butylbenzene | | 400 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| n-Propylbenzene | | 800 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Sec-Butylbenzene | | 800 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Styrene | | 100 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Tert-Butylbenzene | | 800 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Tetrachloroethylene | | 0.8 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Toluene | | 57 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| trans-1,2-Dichloroethylene | | 100 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| trans-1,3-Dichloropropene | | 0.22 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Trichloroethylene | | 0.3 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Trichlorofluoromethane | | 120 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Vinyl Acetate | | 7800 | 1.0 U | 1.0 U | 1 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Vinyl Chloride | | 0.2 | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Xylene, m-,p- | | NE | 0.40 U | 0.40 U | 0.4 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U |
| Xylene, o- | | NE | 0.20 U | 0.20 U | 0.2 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Total xylenes | | 330 | 0.40 U | 0.40 U | 0.4 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 1,2-Dichlorobenzene | | 600 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 1,2-Dinitrobenzene | | 1.6 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 1,2-Diphenylhydrazine | | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |

| | Location ID | MW8 | | | | MW9 | | MW10 | |
|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 |
| | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 |
| | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW |
| Analyte | Groundwater Screening Level[1] | | | | | | | | |
| 1,3-Dichlorobenzene | 2 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 1,3-Dinitrobenzene | 1.6 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 1,4-Dichlorobenzene | 4.9 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 1,4-Dinitrobenzene | 1.6 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,2'-Oxybis[1-chloropropane] | NE | 0.99 U | 1.0 U | -- | -- | -- | -- | -- | -- |
| 2,3,4,6-Tetrachlorophenol | 480 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,3,5,6-Tetrachlorophenol | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,3-Dichloroaniline | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,4,5-Trichlorophenol | 300 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,4,6-Trichlorophenol | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,4-Dichlorophenol | 10 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,4-Dimethylphenol | 85 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,4-Dinitrophenol | 10 | 4.9 U | 5.0 U | 5.4 U | 6.4 U | 5.2 U | 11 U | 5.1 U | 11 U |
| 2,4-Dinitrotoluene | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2,6-Dichlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2-Chloronaphthalene | 100 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2-Chlorophenol | 15 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2-methylphenol | 400 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2-Nitroaniline | 160 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 2-Nitrophenol | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 3&4-Methylphenol | 400 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 3,3'-Dichlorobenzidine | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 3-Nitroaniline | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 7.8 U | 5.1 U | 7.5 U |
| 4-Bromophenyl phenyl ether | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 4-Chloro-3-Methylphenol | 36 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 4-Chloroaniline | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 4-Chlorophenyl phenyl ether | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 4-Nitroaniline | 64 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| 4-Nitrophenol | NE | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U |
| Aniline | 7.7 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U |
| Benzyl Alcohol | 800 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Bis(2-Chloroethoxy)Methane | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Bis(2-Chloroethyl)Ether | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Bis(2-chloroisopropyl) ether | NE | -- | -- | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 9.8 U | 5.1 U | 9.5 U |
| Butyl benzyl Phthalate | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Carbazole | 5 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Di(2-ethylhexyl)adipate | NE | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U |
| Dibenzofuran | NE | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Dibutyl Phthalate | 8 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U |
| Diethyl Phthalate | 200 | **4.7 J** | 1.0 UJ | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Dimethyl Phthalate | 600 | 4.9 U | 5.0 U | 5.4 U | 5.0 U | 5.2 U | 4.9 U | 5.1 U | 4.7 U |
| Di-N-Octyl Phthalate | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Hexachlorobenzene | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |

| | Location ID | MW8 | | | | MW9 | | MW10 | |
|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 |
| | Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 |
| | Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW |
| **Analyte** | **Groundwater Screening Level[1]** | | | | | | | | |
| Hexachlorobutadiene | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Hexachlorocyclopentadiene | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Hexachloroethane | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Isophorone | 27 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Nitrobenzene | 10 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| N-Nitrosodimethylamine | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| N-Nitrosodi-n-propylamine | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| N-Nitrosodiphenylamine | 1 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Pentachlorophenol | 5 | 4.9 U | 5.0 U | 5.4 U | 7.7 U | 5.2 U | 6.4 U | 5.1 U | 6.2 U |
| Phenol | 160 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| Pyridine | 8 | 0.99 U | 1.0 U | 1.1 U | 1.0 U | 1.0 U | 0.98 U | 1.0 U | 0.95 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | |
| 1-Methylnaphthalene | 1.5 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| 2-Methylnaphthalene | 32 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Acenaphthene | 30 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | **0.46** | **0.18** | 0.10 U | 0.095 U |
| Acenaphthylene | NE | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Anthracene | 100 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Benzo(a)anthracene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Benzo(a)pyrene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Benzo(b)fluoranthene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Benzo(g,h,i)perylene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Benzo(j,k)fluoranthene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | **0.011** |
| Chrysene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Dibenzo(a,h)anthracene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Fluoranthene | 0.1 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Fluorene | 10 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | **0.12** | 0.098 U | 0.10 U | 0.095 U |
| Indeno(1,2,3-c,d)pyrene | NE | 0.0099 U | 0.010 U | 0.011 U | 0.010 U | 0.010 U | 0.0098 U | 0.010 U | 0.0095 U |
| Naphthalene | 8.9 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Phenanthrene | NE | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Pyrene | 0.1 | 0.099 U | 0.10 U | 0.11 U | 0.10 U | 0.10 U | 0.098 U | 0.10 U | 0.095 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | 0.00747 U | 0.00755 U | 0.0083 U | 0.00755 U | 0.00755 U | 0.0074 U | 0.00755 U | **0.0078** |

Notes:

[1] Screening levels taken from Go East Final Interim Action Work Plan dated June 30, 2021.

* Sample SWS-1-211208 was reanalyzed using acid/silica gel cleanup and the results for diesel- and lube oil-range hydrocarbons were both non-detect at 0.22 mg/L.

GW = Groundwater; GW FD = Groundwater field duplicate; SWF = Surface Water

NE = Not established

NR = Not recorded

-- Analysis not performed

mg/L = milligram per liter

ug/L = microgram per liter

PCB = Polychlorinated biphenyl

cPAH TEQ = The total toxic equivalent concentration of cPAHs per WAC 173-340-708(8)(e)(iii)(A); non-detected analytes calculated using one half the reporting limit.

Bold font indicates detected.

U = The analyte was not detected at the indicated reporting limit.

Gray shading indicates the analyte is detected above the screening level.

Blue shading indicates the analyte is not detected, at a reporting limit greater than the screening level.

# Table 3

## Surface Water Data - 2021 Through May 2022

**Former Go East Landfill**

**Everett, Washington**

| | Location ID | SP1 | SP2 | SP3 | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | SP1-210402 | SP2-210402 | SP3-210402 | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | Sample Date | 4/2/2021 | 4/2/2021 | 4/2/2021 | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | **Surface Water Screening Level[1]** | | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | | | |
| Temperature (C) | NE | 11.96 | 8.96 | 9.31 | NR | NR | 13.7 | NR | 12.4 | NR | 12.9 | NR | 13.4 |
| Dissolved oxygen (mg/L) | NE | 8.05 | 15.29 | 12.77 | NR | NR | 9.49 | NR | 9.59 | NR | 8.40 | NR | 5.44 |
| Specific Conductance (uS/cm) | NE | 602 | 167 | 163 | NR | NR | 232 | NR | 186.2 | NR | 824 | NR | 773 |
| pH | NE | 6.79 | 8.34 | 7.99 | NR | NR | 7.99 | NR | 7.95 | NR | 6.89 | NR | 6.61 |
| Oxidation-Reduction Potential (mV) | NE | -49.3 | 59.4 | 70.3 | NR | NR | 10.0 | NR | 62.0 | NR | -103.7 | NR | 38.8 |
| Turbidity (NTU) | NE | 6.68 | 3.63 | 1.52 | NR | NR | 21.7 | NR | 8.68 | NR | NR | NR | NR |
| **Conventionals (mg/L)** | | | | | | | | | | | | | |
| Total Organic Carbon | NE | **12** | **1.6** | **1.0** | **6.8** | **4.3** | **4.1** | **9.4** | **11** | **11** | **11** | **13** | **11** |
| Alkalinity as $CaCO_3$ | NE | **450** | **93** | **90** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Bicarbonate Ion ($HCO_3$) | NE | **450** | **92** | **90** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Ammonia (Total as N) | NE | -- | -- | -- | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | -- | **2.5** | **2.3** | **2.0** |
| Total Dissolved Solids | NE | **490** | **150** | **140** | **160** | **180** | **180** | **130** | **120** | -- | **490** | **530** | **470** |
| Total Calcium | NE | **110000** | **17000** | **17000** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Calcium | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Chloride | NE | **7.3** | **5.2** | **5.4** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nitrate (Total as N) | NE | 0.15 U | **14** | **16** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nitrite | NE | 0.14 U | 0.14 U | 0.14 U | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total Potassium | NE | **8600** | **2600** | **2600** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Potassium | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total Sodium | NE | **15000** | **8300** | **8300** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Sodium | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Sulfate | NE | **4.0** | **11** | **11** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Total Petroleum Hydrocarbons (mg/L)** | | | | | | | | | | | | | |
| Gasoline-range hydrocarbons | 1 | -- | -- | -- | -- | -- | -- | -- | -- | 0.10 U | 0.10 U | 0.10 U | 0.10 U |
| Diesel-range hydrocarbons | 3 | -- | -- | -- | -- | -- | -- | -- | -- | **0.32** | **0.34 *** | 0.22 U | **0.26** |
| Lube oil-range hydrocarbons | 3 | -- | -- | -- | -- | -- | -- | -- | -- | **0.31** | **0.30 *** | 0.22 U | **0.28** |
| Sum of diesel+oil-range hydrocarbons | 3 | -- | -- | -- | -- | -- | -- | -- | -- | **0.63** | **0.64 *** | 0.22 U | **0.54** |
| **Total Metals (ug/L)** | | | | | | | | | | | | | |
| Arsenic | 5.0 | 0.45 U | **1.4** | **1.1** | 3.3 U | **3.8** | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U | 3.3 U |
| Cadmium | 4.4 | 0.36 U | 0.36 U | 0.36 U | -- | -- | -- | -- | -- | 4.4 U | 4.4 U | 4.4 U | 4.4 U |
| Chromium | NE | 1.0 U | **2.2** | **2.1** | -- | -- | -- | -- | -- | 11 U | 11 U | **12** | 11 U |
| Copper | 11 | -- | -- | -- | -- | -- | -- | -- | -- | 11 U | 11 U | 11 U | 11 U |
| Iron | 1000 | **8900** | **430** | **210** | **990** | **11000** | **970** | **4300** | **1100** | **11000** | **8000** | **12000** | **6400** |
| Lead | 1.1 | 0.28 U | 0.28 U | 0.28 U | -- | -- | -- | -- | -- | 1.1 U | 1.1 U | **6.2** | 1.1 U |
| Magnesium | NE | **28000** | **14000** | **14000** | -- | -- | -- | -- | -- | -- | -- | -- | **27000** |
| Manganese | 50 | **1500** | **18** | **9.2** | **15** | **150** | **26** | **380** | **120** | **1500** | **1800** | **2000** | **1600** |
| Mercury | 0.025 | 0.11 U | 0.11 U | 0.11 U | -- | -- | -- | -- | -- | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Nickel | 26 | -- | -- | -- | -- | -- | -- | -- | -- | 22 U | 22 U | 22 U | 22 U |
| Selenium | 5.6 | 3.4 U | 3.4 U | 3.4 U | -- | -- | -- | -- | -- | 5.6 U | 5.6 U | 5.6 U | 5.6 U |

| Analyte | Location ID<br>Sample ID<br>Sample Date<br>Matrix | Surface Water Screening Level[1] | SP1<br>SP1-210402<br>4/2/2021<br>SWF | SP2<br>SP2-210402<br>4/2/2021<br>SWF | SP3<br>SP3-210402<br>4/2/2021<br>SWF | SEEP-1<br>SEEP-1-211208<br>12/8/2021<br>SWF | SEEP-1<br>SEEP 1-220317<br>3/17/2022<br>SWF | SEEP-1<br>SEEP-1-20220519<br>5/19/2022<br>SWF | SEEP-2<br>SEEP 2-220317<br>3/17/2022<br>SWF | SEEP-2<br>SEEP-2-22020519<br>5/19/2022<br>SWF | SWS-1<br>SWS-1-20211101<br>11/1/2021<br>SWF | SWS-1<br>SWS-1-211208<br>12/8/2021<br>SWF | SWS-1<br>SWS-1-20220321<br>3/21/2022<br>SWF | SWS-1<br>SWS-1-220503<br>5/3/2022<br>SWF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | | 100 | 2.2 U | **2.8** | **2.4** | -- | -- | -- | -- | -- | 28 U | 28 U | 28 U | 28 U |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | | | | |
| Arsenic | | 5.0 | -- | -- | -- | -- | -- | -- | -- | -- | 3 U | -- | -- | -- |
| Cadmium | | 4.4 | -- | -- | -- | -- | -- | -- | -- | -- | 4 U | -- | -- | -- |
| Chromium | | NE | -- | -- | -- | -- | -- | -- | -- | -- | 10 U | -- | -- | -- |
| Copper | | 11 | -- | -- | -- | -- | -- | -- | -- | -- | 10 U | -- | -- | -- |
| Iron | | 1000 | -- | -- | -- | -- | -- | -- | -- | -- | **2400** | -- | -- | -- |
| Lead | | 1.1 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | -- | -- | -- |
| Magnesium | | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Manganese | | 50 | -- | -- | -- | -- | -- | -- | -- | -- | **1300** | -- | -- | -- |
| Mercury | | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | 0.025 U | -- | -- | -- |
| Nickel | | 26 | -- | -- | -- | -- | -- | -- | -- | -- | 20 U | -- | -- | -- |
| Selenium | | 5.6 | -- | -- | -- | -- | -- | -- | -- | -- | 5 U | -- | -- | -- |
| Zinc | | 100 | -- | -- | -- | -- | -- | -- | -- | -- | 25 U | -- | -- | -- |
| **Organochlorine Pesticides (ug/L)** | | | | | | | | | | | | | | |
| 4,4'-DDD | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| 4,4'-DDE | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| 4,4'-DDT | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Aldrin | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0021 U | 0.0021 U | 0.0021 U | 0.0020 U |
| Alpha-BHC | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Beta-BHC | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| cis-Chlordane | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Delta-BHC | | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Dieldrin | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endosulfan I | | 0.056 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endosulfan II | | 0.056 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endosulfan Sulfate | | 9 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endrin | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endrin Aldehyde | | 0.034 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Endrin Ketone | | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.021 U | 0.021 U | 0.021 U | 0.020 U |
| Gamma-BHC | | 0.08 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Heptachlor | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| Heptachlor Epoxide | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0031 U | 0.0031 U | 0.0031 U | 0.0029 U |
| Methoxychlor | | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0098 U |
| Toxaphene | | 0.05 | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| trans-Chlordane | | 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | 0.0051 U | 0.0052 U | 0.0052 U | 0.0049 U |
| **Herbicides (ug/L)** | | | | | | | | | | | | | | |
| 2,4,5-T | | 100 | -- | -- | -- | -- | -- | -- | -- | -- | 0.068 U | 0.987 U | 0.998 U | -- |
| 2,4,5-TP | | 1300 | -- | -- | -- | -- | -- | -- | -- | -- | 0.045 U | 0.987 U | 0.998 U | -- |
| 2,4-D | | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.089 U | 0.987 U | 0.998 U | -- |
| 2,4-DB | | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.068 U | 0.987 U | 0.998 U | -- |
| 3,5-Dichlorobenzoic Acid | | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.987 U | 0.998 U | -- |
| 4-Nitrophenol | | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.987 U | 0.998 U | -- |
| Acifluorfen | | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.93 U | 4.99 U | -- |
| Bentazon | | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.987 U | 0.998 U | -- |
| Chloramben | | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.987 U | 0.998 U | -- |

| | Location ID | SP1 | SP2 | SP3 | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | SP1-210402 | SP2-210402 | SP3-210402 | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | Sample Date | 4/2/2021 | 4/2/2021 | 4/2/2021 | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | **Surface Water Screening Level[1]** | | | | | | | | | | | | |
| Chlorthal-dimethyl (DACTHAL) | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.97 U | 2 U | -- |
| Dalapon | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.44 U | 1.97 U | 2 U | -- |
| Dicamba | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.045 U | 0.987 U | 0.998 U | -- |
| Dichlorprop | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.045 U | 0.987 U | 0.998 U | -- |
| Dinoseb | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.045 U | 0.987 U | 0.998 U | -- |
| MCPA | NE | -- | -- | -- | -- | -- | -- | -- | -- | 22 U | 4.93 U | 4.99 U | -- |
| MCPP | NE | -- | -- | -- | -- | -- | -- | -- | -- | 8.9 U | 4.93 U | 4.99 U | -- |
| Pentachlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.009 U | -- | -- | -- |
| Picloram | NE | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.987 U | 0.998 U | -- |
| **PCB Aroclors (ug/L)** | | | | | | | | | | | | | |
| PCB-Aroclor 1016 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1221 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1232 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1242 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1248 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1254 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| PCB-Aroclor 1260 | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| Total PCB Aroclors | 0.05 | -- | -- | -- | -- | -- | -- | -- | -- | 0.051 U | 0.052 U | 0.052 U | 0.049 U |
| **Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,1-Trichloroethane | 10000 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2,2-Tetrachloroethane | 0.2 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1,2-Trichloroethane | 0.35 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloroethylene | 300 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,1-Dichloropropene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,3-Trichlorobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.25 U | 0.20 U | 0.20 U |
| 1,2,3-Trichloropropane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trichlorobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2,4-Trimethylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dibromo-3-Chloropropane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dibromoethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichlorobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloroethane | 8.9 | -- | -- | -- | -- | -- | -- | -- | -- | 0.35 U | 0.20 U | 0.20 U | 0.20 U |
| 1,2-Dichloropropane | 0.71 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3,5-Trimethylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichlorobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,3-Dichloropropane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 1,4-Dichlorobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 2,2-Dichloropropane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Chlorotoluene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 2-Hexanone | NE | -- | -- | -- | -- | -- | -- | -- | -- | 2 U | 2.0 U | 2.0 U | 2.0 U |
| 4-Chlorotoluene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| 4-Isopropyltoluene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Acetone | NE | -- | -- | -- | -- | -- | -- | -- | -- | 5 U | 5.0 U | 5.0 U | 5.0 U |
| Benzene | 0.44 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |

| | Location ID | SP1 | SP2 | SP3 | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | SP1-210402 | SP2-210402 | SP3-210402 | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | Sample Date | 4/2/2021 | 4/2/2021 | 4/2/2021 | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | **Surface Water Screening Level[1]** | | | | | | | | | | | | |
| Bromobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Bromochloromethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Bromoform | 4.6 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Bromomethane | 100 | -- | -- | -- | -- | -- | -- | -- | -- | 3.1 U | 0.20 U | 0.20 U | 3.1 U |
| Carbon Disulfide | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Carbon Tetrachloride | 0.2 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Chlorobenzene | 20 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Chloroethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Chloroform | 60 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Chloromethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.3 U | 1.0 U | 1.0 U |
| cis-1,2-Dichloroethylene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| cis-1,3-Dichloropropene | 0.22 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromochloromethane | 0.6 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dibromomethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorobromomethane | 0.73 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Dichlorodifluoromethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.30 U | 0.20 U | 0.20 U |
| Ethylbenzene | 29 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Hexachlorobutadiene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Isopropylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Methyl ethyl ketone (MEK) | NE | -- | -- | -- | -- | -- | -- | -- | -- | 5 U | 5.0 U | 5.0 U | 5.0 U |
| Methyl Iodide | NE | -- | -- | -- | -- | -- | -- | -- | -- | 3 U | 1.5 U | 1.6 U | 19 U |
| Methyl isobutyl ketone | NE | -- | -- | -- | -- | -- | -- | -- | -- | 2 U | 2.0 U | 2.0 U | 2.0 U |
| Methyl tert-butyl ether | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Methylene Chloride | 10 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Naphthalene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1.3 U | 1.0 U | 1.0 U | 1.0 U |
| n-Butylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| n-Propylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Sec-Butylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Styrene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Tert-Butylbenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Tetrachloroethylene | 2.4 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Toluene | 57 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| trans-1,2-Dichloroethylene | 100 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| trans-1,3-Dichloropropene | 0.22 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Trichloroethylene | 0.3 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Trichlorofluoromethane | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Vinyl Acetate | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 1.0 U |
| Vinyl Chloride | 0.2 | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Xylene, m-,p- | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.4 U | 0.40 U | 0.40 U | 0.40 U |
| Xylene, o- | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.20 U | 0.20 U | 0.20 U |
| Total xylenes | NE | -- | -- | -- | -- | -- | -- | -- | -- | 0.4 U | 0.40 U | 0.40 U | 0.40 U |
| **Semi-Volatile Organic Compounds (ug/L)** | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1 | 1.1 U | 1.0 U | 1.0 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,2-Dichlorobenzene | 700 | 1.4 U | 1.3 U | 1.3 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,2-Dinitrobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,2-Diphenylhydrazine | 1 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |

| | Location ID | SP1 | SP2 | SP3 | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID | SP1-210402 | SP2-210402 | SP3-210402 | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| | Sample Date | 4/2/2021 | 4/2/2021 | 4/2/2021 | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| | Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| Analyte | Surface Water Screening Level[1] | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 2 | 1.3 U | 1.3 U | 1.3 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,3-Dinitrobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,4-Dichlorobenzene | 60 | 0.97 U | 0.96 U | 0.96 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 1,4-Dinitrobenzene | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,2'-Oxybis[1-chloropropane] | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | -- | -- |
| 2,3,4,6-Tetrachlorophenol | NE | 1.0 U | 0.98 U | 0.98 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,3,5,6-Tetrachlorophenol | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.2 U | 1.0 U | 0.97 U |
| 2,3-Dichloroaniline | NE | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4,5-Trichlorophenol | 300 | 1.4 U | 1.4 U | 1.4 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4,6-Trichlorophenol | 1 | 0.85 U | 0.83 U | 0.83 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4-Dichlorophenol | 10 | 0.74 U | 0.73 U | 0.73 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4-Dimethylphenol | 85 | 0.82 U | 0.81 U | 0.81 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,4-Dinitrophenol | 10 | 2.8 U | 2.7 U | 2.7 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 6.2 U |
| 2,4-Dinitrotoluene | 1 | 0.73 U | 0.72 U | 0.72 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2,6-Dichlorophenol | NE | 0.71 U | 0.70 U | 0.70 U | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | 600 | 1.7 U | 1.7 U | 1.7 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Chloronaphthalene | 100 | 0.85 U | 0.84 U | 0.84 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Chlorophenol | 15 | 0.80 U | 0.79 U | 0.79 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-methylphenol | 8000000 | 1.2 U | 1.2 U | 1.2 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Nitroaniline | NE | 0.72 U | 0.71 U | 0.71 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 2-Nitrophenol | NE | 1.1 U | 1.1 U | 1.1 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 3&4-Methylphenol | NE | 0.76 U | 0.75 U | 0.75 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 3,3'-Dichlorobenzidine | 1 | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 3-Nitroaniline | NE | 1.3 U | 1.3 U | 1.3 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4,6-Dinitro-2-Methylphenol | 5 | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| 4-Bromophenyl phenyl ether | NE | 0.74 U | 0.73 U | 0.73 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Chloro-3-Methylphenol | 36 | 1.1 U | 1.1 U | 1.1 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Chloroaniline | 4600 | 1.8 U | 1.8 U | 1.8 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Chlorophenyl phenyl ether | NE | 0.69 U | 0.68 U | 0.68 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Nitroaniline | NE | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| 4-Nitrophenol | NE | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Aniline | NE | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Benzyl Alcohol | NE | 0.97 U | 0.96 U | 0.96 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Bis(2-Chloroethoxy)Methane | NE | 0.99 U | 0.98 U | 0.98 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Bis(2-Chloroethyl)Ether | 1 | 0.89 U | 0.87 U | 0.87 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Bis(2-chloroisopropyl) ether | NE | 0.59 U | 0.58 U | 0.58 U | -- | -- | -- | -- | -- | -- | -- | 1.0 U | 0.97 U |
| Bis(2-Ethylhexyl) Phthalate | 1 | 0.76 U | 0.75 U | 0.75 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Butyl benzyl Phthalate | 1 | 0.63 U | 0.62 U | 0.62 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Carbazole | 51 | 1.6 U | 1.5 U | 1.5 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Di(2-ethylhexyl)adipate | NE | -- | -- | -- | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Dibenzofuran | NE | 0.48 U | 0.47 U | 0.47 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Dibutyl Phthalate | 8 | 0.78 U | 0.77 U | 0.77 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Diethyl Phthalate | 200 | 0.75 U | 0.74 U | 0.74 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Dimethyl Phthalate | 600 | 0.65 U | 0.64 U | 0.64 U | -- | -- | -- | -- | -- | 5.2 U | 5.1 U | 5.2 U | 4.8 U |
| Di-N-Octyl Phthalate | 1 | 0.82 U | 0.81 U | 0.81 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachlorobenzene | 1 | 0.60 U | 0.59 U | 0.59 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |

| Analyte | Location ID<br>Sample ID<br>Sample Date<br>Matrix<br>Surface Water Screening Level[1] | SP1<br>SP1-210402<br>4/2/2021<br>SWF | SP2<br>SP2-210402<br>4/2/2021<br>SWF | SP3<br>SP3-210402<br>4/2/2021<br>SWF | SEEP-1<br>SEEP-1-211208<br>12/8/2021<br>SWF | SEEP-1<br>SEEP 1-220317<br>3/17/2022<br>SWF | SEEP-1<br>SEEP-1-20220519<br>5/19/2022<br>SWF | SEEP-2<br>SEEP 2-220317<br>3/17/2022<br>SWF | SEEP-2<br>SEEP-2-22020519<br>5/19/2022<br>SWF | SWS-1<br>SWS-1-20211101<br>11/1/2021<br>SWF | SWS-1<br>SWS-1-211208<br>12/8/2021<br>SWF | SWS-1<br>SWS-1-20220321<br>3/21/2022<br>SWF | SWS-1<br>SWS-1-220503<br>5/3/2022<br>SWF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | 1 | 1.9 U | 1.8 U | 1.8 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachlorocyclopentadiene | 1 | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Hexachloroethane | 1 | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Isophorone | 27 | 1.1 U | 1.1 U | 1.1 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Nitrobenzene | 10 | 1.1 U | 1.1 U | 1.1 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| N-Nitrosodimethylamine | 1 | 1.4 U | 1.4 U | 1.4 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| N-Nitrosodi-n-propylamine | 1 | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| N-Nitrosodiphenylamine | 1 | 0.87 U | 0.86 U | 0.86 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Pentachlorophenol | 5 | 3.5 U | 3.4 U | 3.4 U | -- | -- | -- | -- | -- | 5.2 U | **5.7** | 5.2 U | 7.5 U |
| Phenol | 160 | 0.99 U | 0.98 U | 0.98 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| Pyridine | NE | 1.9 U | 1.9 U | 1.9 U | -- | -- | -- | -- | -- | 1 U | 1.0 U | 1.0 U | 0.97 U |
| **Polycyclic Aromatic Hydrocarbons (ug/L)** | | | | | | | | | | | | | |
| 1-Methylnaphthalene | NE | **0.059** | **0.0034** | **0.0045** | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| 2-Methylnaphthalene | NE | **0.019** | 0.0050 U | 0.0049 U | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| Acenaphthene | 30 | **1.4** | 0.01 U | 0.01 U | -- | -- | -- | -- | -- | **1.3** | **1.3** | **0.77** | **1.0** |
| Acenaphthylene | NE | **0.021** | 0.0070 U | 0.0070 U | -- | -- | -- | -- | -- | 0.1 U | 0.22 U | 0.10 U | 0.097 U |
| Anthracene | 100 | **0.13** | 0.0078 U | 0.0077 U | -- | -- | -- | -- | -- | **0.11** | **0.13** | 0.10 U | 0.097 U |
| Benzo(a)anthracene | NE | **0.019** | **0.0066** | **0.017** | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(a)pyrene | NE | 0.0064 U | 0.0065 U | **0.0097** | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(b)fluoranthene | NE | 0.0085 U | 0.0087 U | **0.012** | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(g,h,i)perylene | NE | 0.0055 U | **0.0099** | **0.012** | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Benzo(j,k)fluoranthene | NE | 0.014 U | 0.014 U | 0.014 U | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Chrysene | NE | **0.0092** | 0.0059 U | **0.011** | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Dibenzo(a,h)anthracene | NE | 0.0099 U | 0.01 U | 0.01 U | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Fluoranthene | 0.1 | **0.39** | **0.0019** | **0.0081** | -- | -- | -- | -- | -- | **0.21** | **0.22** | 0.10 U | **0.12** |
| Fluorene | 10 | **0.77** | **0.0032** | **0.0056** | -- | -- | -- | -- | -- | **0.53** | **0.46** | **0.21** | **0.27** |
| Indeno(1,2,3-c,d)pyrene | NE | 0.0052 U | 0.0053 U | **0.016** | -- | -- | -- | -- | -- | 0.01 U | 0.010 U | 0.010 U | 0.0097 U |
| Naphthalene | 1400 | **0.027** | **0.0050** | **0.0048** | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| Phenanthrene | NE | **0.056** | 0.0060 U | **0.0073** | -- | -- | -- | -- | -- | 0.1 U | 0.10 U | 0.10 U | 0.097 U |
| Pyrene | 0.1 | **0.20** | **0.0056** | **0.0069** | -- | -- | -- | -- | -- | **0.15** | **0.15** | 0.10 U | 0.097 U |
| Total cPAH TEQ (ND=0.5RL) | 0.0076 | **0.45832** | **0.45554** | **0.46521** | -- | -- | -- | -- | -- | 0.00755 U | 0.00755 U | 0.00755 U | 0.00732 U |

Notes:

[1] Screening levels taken from Go East Final Interim Action Work Plan dated June 30, 2021.

* Sample SWS-1-211208 was reanalyzed using acid/silica gel cleanup and the results for diesel- and lube oil-range hydrocarbons were both non-detect at 0.22 mg/L.

GW = Groundwater; GW FD = Groundwater field duplicate; SWF = Surface Water

NE = Not established

NR = Not recorded

-- Analysis not performed

mg/L = milligram per liter

ug/L = microgram per liter

PCB = Polychlorinated biphenyl

cPAH TEQ = The total toxic equivalent concentration of cPAHs per WAC 173-340-708(8)(e)(iii)(A); non-detected analytes calculated using one half the reporting limit.

Bold font indicates detected.

U = The analyte was not detected at the indicated reporting limit.

Gray shading indicates the analyte is detected above the screening level.

Blue shading indicates the analyte is not detected, at a reporting limit greater than the screening level.

# Table 4

## Geochemical Indicators - 2021 Through May 2022

### Former Go East Landfill

### Everett, Washington

| Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | 9.92 | 9.6 | 10.1 | 10.02 | 9.8 | 49.2 | 9.4 | 10.22 | 10.0 | 10.5 | 11.6 |
| Dissolved oxygen (mg/L) | 2.66 | 7.14 | 0.51 | 0.88 | 0.32 | 4.60 | 10.44 | 3.72 | 0.08 | 4.15 | 6.78 |
| Specific Conductance (uS/cm) | 121 | 137.5 | 152 | 158 | 273.6 | 190.2 | 183 | 174 | 264.4 | 191.0 | 219.6 |
| pH | 7.70 | 7.97 | 7.86 | 6.65 | 8.18 | 8.26 | 8.18 | 6.81 | 8.24 | 8.32 | 8.12 |
| Oxidation-Reduction Potential (mV) | -184.9 | -106.9 | -152.7 | -139.8 | -280.2 | 18.5 | 128 | -113.0 | -309.0 | -173.0 | 52.7 |
| Turbidity (NTU) | 5.39 | 35.9 | 34.9 | 16.1 | 9.95 | 32.0 | 21 | 41.9 | 2.97 | 88.7 | 87.4 |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Alkalinity as $CaCO_3$ | **87** | **86** | **86** | **110** | **120** | **120** | **110** | **110** | **110** | **110** | **100** |
| Bicarbonate Ion ($HCO_3$) | **87** | **86** | **86** | **110** | **120** | **120** | **110** | **110** | **110** | **110** | **100** |
| Dissolved Calcium | **16000** | **18000** | **17000** | **20000** | **22000** | **23000** | **22000** | **22000** | **23000** | **24000** | **23000** |
| Chloride | **3.6** | **3.9** | **2.3** | **4.6** | **5.7** | **5.1** | **3.4** | **6.5** | **6.3** | **6.6** | **6.4** |
| Nitrate (Total as N) | 0.15 U | 0.050 U | 0.050 U | 0.15 U | 0.050 U | **0.079 J** | 0.050 U | **0.25** | 0.050 UJ | **0.090** | 0.050 U |
| Dissolved Potassium | **2700** | **2500** | **2100** | **3000** | **2000** | **2700** | **2700** | **2800** | **1900** | **1900** | **2400** |
| Dissolved Sodium | **4900** | **5700** | **5400** | **6000** | **7000** | **6600** | **6400** | **7200** | **8200** | **7000** | **7000** |
| Sulfate | **1.2** | 5.0 U | 5.0 U | **8.1** | **12** | **10** | **7.7** | **14** | **14** | **9.7** | **13** |
| **Total Metals (ug/L)** | | | | | | | | | | | |
| Iron | **860** | **1900** | **2200** | **1200** | **370** | **1600** | **6200** | **4100** | **110** | **2500** | **3800** |
| Magnesium | **8900** | **10000** | **9900** | **14000** | **18000** | **17000** | **15000** | **14000** | **15000** | **14000** | **14000** |
| Manganese | **270** | **390** | **360** | **230** | **300** | **310** | **350** | **260** | **190** | **240** | **220** |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | |
| Iron | **74** | **330** | **440** | **48** | 56 U | 56 U | 56 U | **32** | 56 U | 56 U | 56 U |
| Magnesium | **8500** | **9200** | **8800** | **13000** | **16000** | **15000** | **13000** | **12000** | **14000** | **13000** | **13000** |
| Manganese | **240** | **350** | **310** | **210** | **270** | **250** | **200** | **140** | **170** | **180** | **150** |

| Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | 10.5 | 8.0 | 9.9 | 10.7 | 11.9 | 14.3 | 13.4 | 14.2 | 10.5 | 9.4 | 9.8 |
| Dissolved oxygen (mg/L) | 10.03 | 0.76 | 0.39 | 10.66 | 7.86 | 1.52 | 0.74 | 5.10 | 4.22 | 10.25 | 11.54 |
| Specific Conductance (uS/cm) | 294.3 | 292.9 | 208.0 | 491.9 | 253.3 | 451.0 | 362.6 | 461.5 | 237.8 | 162.3 | 192.8 |
| pH | 8.02 | 7.43 | 7.74 | 8.64 | 7.73 | 6.69 | 6.69 | 6.56 | 7.99 | 8.07 | 8.10 |
| Oxidation-Reduction Potential (mV) | -119.3 | 124.1 | -111.8 | 189.6 | 157.0 | -177.7 | 15.8 | 138.4 | -136.5 | 253.4 | 201.8 |
| Turbidity (NTU) | 6.66 | 13.6 | 7.13 | 27.9 | 29 | 9.82 | 6.28 | 27.7 | 98.1 | 26.1 | 64.0 |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Alkalinity as $CaCO_3$ | -- | -- | **120** | **120** | **120** | **190** | **200** | **230** | **100** | **94** | **110** |
| Bicarbonate Ion ($HCO_3$) | -- | -- | **120** | **120** | **120** | **190** | **200** | **230** | **100** | **94** | **110** |
| Dissolved Calcium | **27000** | **26000** | **28000** | **24000** | **27000** | **41000** | **44000** | **44000** | **20000** | **18000** | **20000** |
| Chloride | **7.3** | **7.1** | **6.2** | **6.7** | **6.9** | **5.3** | **5.7** | **3.9** | **9.0** | **5.3** | **2.5** |
| Nitrate (Total as N) | **0.21 J** | **0.063** | 0.050 U | 0.050 U | 0.050 U | **0.62** | **0.12 J** | **0.12** | **0.22** | **0.12 J** | 0.050 U |
| Dissolved Potassium | **2000** | **3600** | **2000** | **2400** | **2500** | **2400** | **2500** | **2500** | **1900** | **2200** | **2100** |
| Dissolved Sodium | **7400** | **6600** | **6500** | **6700** | **7200** | **18000** | **19000** | **16000** | **7600** | **6000** | **6600** |
| Sulfate | **14** | **15** | **14** | **14** | **14** | **26** | **25** | **26** | **8.5** | **5.9** | 5.0 U |
| **Total Metals (ug/L)** | | | | | | | | | | | |
| Iron | **360** | **1000** | **130 J** | **200** | **600** | **420** | **1100** | **2000** | **6900** | **2100** | **24000** |
| Magnesium | **17000** | **15000** | **13000** | **15000** | **14000** | **23000** | **24000** | **24000** | **18000** | **13000** | **24000** |
| Manganese | **390** | **290** | **270** | **230** | **290** | **1800** | **2100** | **2100** | **680** | **180** | **1300** |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | |
| Iron | 56 U | 56 U | **65** | 56 U | 56 U | **62** | **74** | **67** | 56 U | 56 U | 56 U |
| Magnesium | **15000** | **14000** | **14000** | **12000** | **16000** | **22000** | **21000** | **23000** | **14000** | **12000** | **13000** |
| Manganese | **330** | **260** | **280** | **190** | **300** | **1800** | **2000** | **2000** | **250** | **62** | **32** |

| Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| **Analyte** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | 12.0 | 12.0 | 13.2 | 11.50 | 10.7 | 11.7 | 9.3 | 10.3 | 11.96 | 8.96 | 9.31 |
| Dissolved oxygen (mg/L) | 0.47 | 0.47 | 4.70 | 7.32 | 4.30 | 3.38 | 6.51 | 0.78 | 8.05 | 15.29 | 12.77 |
| Specific Conductance (uS/cm) | 592.8 | 592.8 | 469.5 | 347.1 | 575 | 586 | 310.1 | 424.1 | 602 | 167 | 163 |
| pH | 6.67 | 6.67 | 6.78 | 6.75 | 6.76 | 6.77 | 7.14 | 6.84 | 6.79 | 8.34 | 7.99 |
| Oxidation-Reduction Potential (mV) | -191.6 | -191.6 | 171.2 | 159.1 | 130.7 | 9.0 | 148.9 | -82.2 | -49.3 | 59.4 | 70.3 |
| Turbidity (NTU) | 9.63 | 9.63 | 137 | 43.1 | 140 | 9.91 | 177 | 10.3 | 6.68 | 3.63 | 1.52 |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Alkalinity as $CaCO_3$ | **230** | **220** | **220** | **200** | **390** | **340** | **170** | **230** | **450** | **93** | **90** |
| Bicarbonate Ion ($HCO_3$) | **230** | **220** | **220** | **200** | **390** | **340** | **170** | **230** | **450** | **92** | **90** |
| Dissolved Calcium | **37000** | **38000** | **40000** | **33000** | **110000** | **93000** | **48000** | **65000** | -- | -- | -- |
| Chloride | **4.5** | **4.5** | **4.6** | **2.5** | **6.7** | **6.2** | **6.1** | **4.5** | **7.3** | **5.2** | **5.4** |
| Nitrate (Total as N) | **0.10 J** | **0.65 J** | **2.9** | 0.050 U | **0.066** | **0.050** | **0.18** | **0.11** | 0.15 U | **14** | **16** |
| Dissolved Potassium | **4100** | **4500** | **4500** | **3700** | **6900** | **5300** | **4300** | **3400** | -- | -- | -- |
| Dissolved Sodium | **11000** | **11000** | **9800** | **9200** | **14000** | **13000** | **8200** | **9400** | -- | -- | -- |
| Sulfate | **73** | **71** | **69** | **49** | **25** | **21** | **48** | **33** | **4.0** | **11** | **11** |
| **Total Metals (ug/L)** | | | | | | | | | | | |
| Iron | **1300** | **1400** | **2800** | **2100** | **5100** | **2300** | **6800** | **1400** | **8900** | **430** | **210** |
| Magnesium | **50000** | **50000** | **47000** | **33000** | **30000** | **24000** | **23000** | **21000** | **28000** | **14000** | **14000** |
| Manganese | **2100** | **2200** | **2400** | **1600** | **1500** | **1100** | **320** | **460** | **1500** | **18** | **9.2** |
| **Dissolved Metals (ug/L)** | | | | | | | | | | | |
| Iron | **120** | **110** | **99** | **65** | 56 U | **1900** | **100** | **1000** | -- | -- | -- |
| Magnesium | **41000** | **42000** | **40000** | **36000** | **26000** | **26000** | **18000** | **23000** | -- | -- | -- |
| Manganese | **1900** | **1900** | **2200** | **1700** | **1300** | **1200** | **200** | **440** | -- | -- | -- |

| Location ID | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|
| Sample ID | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| Sample Date | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | | | | | | | | | |
| **Field Parameters** | | | | | | | | | |
| Temperature (C) | NR | NR | 13.7 | NR | 12.4 | NR | 12.9 | NR | 13.4 |
| Dissolved oxygen (mg/L) | NR | NR | 9.49 | NR | 9.59 | NR | 8.40 | NR | 5.44 |
| Specific Conductance (uS/cm) | NR | NR | 232 | NR | 186.2 | NR | 824 | NR | 773 |
| pH | NR | NR | 7.99 | NR | 7.95 | NR | 6.89 | NR | 6.61 |
| Oxidation-Reduction Potential (mV) | NR | NR | 10.0 | NR | 62.0 | NR | -103.7 | NR | 38.8 |
| Turbidity (NTU) | NR | NR | 21.7 | NR | 8.68 | NR | NR | NR | NR |
| **Conventionals (mg/L)** | | | | | | | | | |
| Alkalinity as $CaCO_3$ | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Bicarbonate Ion ($HCO_3$) | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Calcium | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Chloride | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nitrate (Total as N) | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Potassium | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Dissolved Sodium | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Sulfate | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Total Metals (ug/L)** | | | | | | | | | |
| Iron | **990** | **11000** | **970** | **4300** | **1100** | **11000** | **8000** | **12000** | **6400** |
| Magnesium | -- | -- | -- | -- | -- | -- | -- | -- | **27000** |
| Manganese | **15** | **150** | **26** | **380** | **120** | **1500** | **1800** | **2000** | **1600** |
| **Dissolved Metals (ug/L)** | | | | | | | | | |
| Iron | -- | -- | -- | -- | -- | **2400** | -- | -- | -- |
| Magnesium | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Manganese | -- | -- | -- | -- | -- | **1300** | -- | -- | -- |

Notes:

GW = Groundwater; GW FD = Groundwater field duplicate; SWF = Surface Water

NR = Not recorded

-- Analysis not performed

mg/L = milligram per liter

ug/L = microgram per liter

Bold font indicates detected.

U = The analyte was not detected at the indicated reporting limit.

# Table 5

## Leachate Indicators - 2021 Through May 2022

**Former Go East Landfill**

**Everett, Washington**

| Location ID | MW1 | | | MW2 | | | | MW3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | MW1-210406 | MW1-220330 | MW-1-220504 | MW2-210406 | MW2-211208 | MW2-20220318 | MW-2-220505 | MW3-210406 | MW3-211206 | MW-3-30922 | MW-3-20220427 |
| Sample Date | 4/6/2021 | 3/30/2022 | 5/4/2022 | 4/6/2021 | 12/8/2021 | 3/18/2022 | 5/5/2022 | 4/6/2021 | 12/6/2021 | 3/9/2022 | 4/27/2022 |
| Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | 9.92 | 9.6 | 10.1 | 10.02 | 9.8 | 49.2 | 9.4 | 10.22 | 10.0 | 10.5 | 11.6 |
| Dissolved oxygen (mg/L) | 2.66 | 7.14 | 0.51 | 0.88 | 0.32 | 4.60 | 10.44 | 3.72 | 0.08 | 4.15 | 6.78 |
| Specific Conductance (uS/cm) | 121 | 137.5 | 152 | 158 | 273.6 | 190.2 | 183 | 174 | 264.4 | 191.0 | 219.6 |
| pH | 7.70 | 7.97 | 7.86 | 6.65 | 8.18 | 8.26 | 8.18 | 6.81 | 8.24 | 8.32 | 8.12 |
| Oxidation-Reduction Potential (mV) | -184.9 | -106.9 | -152.7 | -139.8 | -280.2 | 18.5 | 128 | -113.0 | -309.0 | -173.0 | 52.7 |
| Turbidity (NTU) | 5.39 | 35.9 | 34.9 | 16.1 | 9.95 | 32.0 | 21 | 41.9 | 2.97 | 88.7 | 87.4 |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Total Organic Carbon | **0.77** | -- | -- | **0.56** | -- | -- | -- | 0.50 U | -- | -- | -- |
| Ammonia (Total as N) | -- | **0.21** | **0.13** | -- | **0.097** | **0.11** | **0.14** | -- | **0.059** | **0.061** | **0.060** |
| Total Dissolved Solids | **120** | **100** | **120** | **160** | **150** | **160** | **170** | **170** | **140 J** | **170** | **170** |

| Location ID | MW5 | | | | | MW6 | | | MW7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | MW5-211207 | MW5-220203 | MW-5-20220307 | MW5-20220407 | MW-5-220518 | MW6-211209 | MW-6-31122 | MW-6-220503 | MW7-211209 | MW7-20220314 | MW-7-20220506 |
| Sample Date | 12/7/2021 | 2/3/2022 | 3/7/2022 | 4/7/2022 | 5/18/2022 | 12/9/2021 | 3/11/2022 | 5/3/2022 | 12/9/2021 | 3/14/2022 | 5/6/2022 |
| Matrix | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW | GW |
| **Analyte** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | 10.5 | 8.0 | 9.9 | 10.7 | 11.9 | 14.3 | 13.4 | 14.2 | 10.5 | 9.4 | 9.8 |
| Dissolved oxygen (mg/L) | 10.03 | 0.76 | 0.39 | 10.66 | 7.86 | 1.52 | 0.74 | 5.10 | 4.22 | 10.25 | 11.54 |
| Specific Conductance (uS/cm) | 294.3 | 292.9 | 208.0 | 491.9 | 253.3 | 451.0 | 362.6 | 461.5 | 237.8 | 162.3 | 192.8 |
| pH | 8.02 | 7.43 | 7.74 | 8.64 | 7.73 | 6.69 | 6.69 | 6.56 | 7.99 | 8.07 | 8.10 |
| Oxidation-Reduction Potential (mV) | -119.3 | 124.1 | -111.8 | 189.6 | 157.0 | -177.7 | 15.8 | 138.4 | -136.5 | 253.4 | 201.8 |
| Turbidity (NTU) | 6.66 | 13.6 | 7.13 | 27.9 | 29 | 9.82 | 6.28 | 27.7 | 98.1 | 26.1 | 64.0 |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Total Organic Carbon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Ammonia (Total as N) | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | **0.10** | **0.096** | **0.10** | 0.050 U | 0.050 U | 0.050 U |
| Total Dissolved Solids | **160** | **160** | **150** | **160** | **200** | **250** | **270** | **290** | **120** | **140** | **150** |

| Location ID | MW8 | | | | MW9 | | MW10 | | SP1 | SP2 | SP3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | MW8-211213 | DUP-211213 | MW8-20220322 | MW8-05022022 | MW-9-20220404 | MW-9-20220519 | MW-10-20220404 | MW-10-20220519 | SP1-210402 | SP2-210402 | SP3-210402 |
| Sample Date | 12/13/2021 | 12/13/2021 | 3/22/2022 | 5/2/2022 | 4/4/2022 | 5/19/2022 | 4/4/2022 | 5/19/2022 | 4/2/2021 | 4/2/2021 | 4/2/2021 |
| Matrix | GW | GW FD | GW | GW | GW | GW | GW | GW | SWF | SWF | SWF |
| **Analyte** | | | | | | | | | | | |
| **Field Parameters** | | | | | | | | | | | |
| Temperature (C) | 12.0 | 12.0 | 13.2 | 11.50 | 10.7 | 11.7 | 9.3 | 10.3 | 11.96 | 8.96 | 9.31 |
| Dissolved oxygen (mg/L) | 0.47 | 0.47 | 4.70 | 7.32 | 4.30 | 3.38 | 6.51 | 0.78 | 8.05 | 15.29 | 12.77 |
| Specific Conductance (uS/cm) | 592.8 | 592.8 | 469.5 | 347.1 | 575 | 586 | 310.1 | 424.1 | 602 | 167 | 163 |
| pH | 6.67 | 6.67 | 6.78 | 6.75 | 6.76 | 6.77 | 7.14 | 6.84 | 6.79 | 8.34 | 7.99 |
| Oxidation-Reduction Potential (mV) | -191.6 | -191.6 | 171.2 | 159.1 | 130.7 | 9.0 | 148.9 | -82.2 | -49.3 | 59.4 | 70.3 |
| Turbidity (NTU) | 9.63 | 9.63 | 137 | 43.1 | 140 | 9.91 | 177 | 10.3 | 6.68 | 3.63 | 1.52 |
| **Conventionals (mg/L)** | | | | | | | | | | | |
| Total Organic Carbon | -- | -- | -- | -- | -- | -- | -- | -- | **12** | **1.6** | **1.0** |
| Ammonia (Total as N) | 0.050 U | 0.050 U | 0.050 U | 0.050 U | **1.8** | **1.1** | 0.050 U | 0.22 | -- | -- | -- |
| Total Dissolved Solids | **320** | **320** | **320** | **280** | **460** | **400** | **270** | **300** | **490** | **150** | **140** |

| Location ID | SEEP-1 | | | SEEP-2 | SEEP-2 | SWS-1 | SWS-1 | SWS-1 | SWS-1 |
|---|---|---|---|---|---|---|---|---|---|
| Sample ID | SEEP-1-211208 | SEEP 1-220317 | SEEP-1-20220519 | SEEP 2-220317 | SEEP-2-22020519 | SWS-1-20211101 | SWS-1-211208 | SWS-1-20220321 | SWS-1-220503 |
| Sample Date | 12/8/2021 | 3/17/2022 | 5/19/2022 | 3/17/2022 | 5/19/2022 | 11/1/2021 | 12/8/2021 | 3/21/2022 | 5/3/2022 |
| Matrix | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF | SWF |
| **Analyte** | | | | | | | | | |
| **Field Parameters** | | | | | | | | | |
| Temperature (C) | NR | NR | 13.7 | NR | 12.4 | NR | 12.9 | NR | 13.4 |
| Dissolved oxygen (mg/L) | NR | NR | 9.49 | NR | 9.59 | NR | 8.40 | NR | 5.44 |
| Specific Conductance (uS/cm) | NR | NR | 232 | NR | 186.2 | NR | 824 | NR | 773 |
| pH | NR | NR | 7.99 | NR | 7.95 | NR | 6.89 | NR | 6.61 |
| Oxidation-Reduction Potential (mV) | NR | NR | 10.0 | NR | 62.0 | NR | -103.7 | NR | 38.8 |
| Turbidity (NTU) | NR | NR | 21.7 | NR | 8.68 | NR | NR | NR | NR |
| **Conventionals (mg/L)** | | | | | | | | | |
| Total Organic Carbon | **6.8** | **4.3** | **4.1** | **9.4** | **11** | **11** | **11** | **13** | **11** |
| Ammonia (Total as N) | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | -- | **2.5** | **2.3** | **2.0** |
| Total Dissolved Solids | **160** | **180** | **180** | **130** | **120** | -- | **490** | **530** | **470** |

Notes:
GW = Groundwater; GW FD = Groundwater field duplicate; SWF = Surface Water
NR = Not recorded
-- Analysis not performed
mg/L = milligram per liter
Bold font indicates detected.
U = The analyte was not detected at the indicated reporting limit.